



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**ELECTRICAL DETAILED DATA
[FOR THE YEAR, 2021-2022]**

2021-2022

[WITH EFFECT FROM 13.09.2021]



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**ELECTRICAL DETAILED DATA
FOR THE YEAR 2021-2022**

2021-2022

[WITH EFFECT FROM 13.09.2021]

ANNEXURE-I

RATES OF LABOUR

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
I		HIGHLY SKILLED CATEGORY		
1	76A	Technical Assistant Grade-I (B.E.Passed)	Day	1049.00
2	76B	Technical Assistant Grade-II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground Water Works)	Day	945.00
3	76C	Technical Assistant Grade-III (Diploma in Engg. Failed / ITI (Civil) Passed)	Day	799.00
4	76D	Cinema Operator (ITI Passed)	Day	659.00
5	77A	Laboratory Assistant Grade-I (Post Graduate in Science)	Day	799.00
6	77B	Laboratory Assistant Grade-II (Degree in Science / Degree in Geology for Ground Water)	Day	732.00
7	77C	Laboratory Assistant Grade-III (With Degree Qualification to work as Works Clerk)	Day	659.00
8	76E	B.Sc., (Agriculture) Passed	Day	945.00
9	89A	Computer Operator Grade-I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	1049.00
10	89B	Computer Operator Grade-II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	945.00
11	100	Wireman Grade-I / Electrician Grade-I	Day	712.00
II		SKILLED CATEGORY		
12	4	Blacksmith-I Class	Day	663.00
13	11	Carpenter-I Class	Day	842.00
14	15	Cleaner-First Grade	Day	448.00
15	19	Fitter-I Class	Day	760.00
16	20	Fitter (Pipe Laying / Bar Bending)-I Class	Day	747.00
17	21	Floor Polisher	Day	663.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
18	25	Hammer Mazdoor	Day	533.00
19	27	Driver (Light Duty)	Day	663.00
20	27A	Driver (Heavy Duty)	Day	708.00
21	36	Maistry, Road Inspector & Work Inspector	Day	639.00
22	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	708.00
23		Skilled Mason Class-I for Heritage Work	Day	1215.00
24		Skilled Mason Class-II for Heritage Work	Day	1062.00
25	37	Mason for Brick Work-I Class	Day	861.00
26		Skilled Sthapathy Brick Mason for Heritage Work	Day	1519.00
27	38	Mason for Stone Work-I Class	Day	861.00
28		Skilled Sthapathy Stone Mason for Heritage Work	Day	1519.00
29	40	Mechanic-I Class	Day	663.00
30	44	Painter / Varnisher-I Class	Day	688.00
31	46	Pile Driver	Day	611.00
32	47	Plumber-I Class	Day	747.00
33	52	Sawyer	Day	611.00
34	54	Smith-I Class	Day	661.00
35	56	Stone Cutter-I Class	Day	661.00
36	58	Syrang-I Class	Day	661.00
37	62	Tinker-I Class	Day	533.00
38	63	Turner-I Class	Day	611.00
39	64	Time Keeper-I Class	Day	661.00
40	67	Welder / Bracer-I Class	Day	661.00
41	72	Wodder	Day	556.00
42	81	Compressor Operator	Day	584.00
43	97	Geological Assistant	Day	817.00
44	98	Stone & Crusher Operator	Day	584.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
45	101	Wireman Grade-II / Electrician Grade-II	Day	708.00
46	103	Lift Operator	Day	639.00
47	104	Laboratory Attendant	Day	476.00
48	105	Sound Service Operator	Day	533.00
49	106	Electrical Maistry	Day	817.00
III		SEMI SKILLED CATEGORY		
50	2	Axe Mazdoor	Day	525.00
51	4A	Blacksmith-II Class	Day	637.00
52	8	Bullocks Pair with Driver (with Bandy)	Day	1039.00
53	8A	Bullocks Single with Driver (with Bandy)	Day	747.00
54	12	Carpenter-II Class	Day	804.00
55	15A	Cleaner-Second Grade	Day	443.00
56	19A	Fitter-II Class	Day	739.00
57	20A	Fitter (Pipe Laying / Bar Bending)-II Class	Day	724.00
58	22	Gardener	Day	525.00
59	28	Jumper Mazdoor	Day	525.00
60	37A	Mason for Brick Work-II Class	Day	804.00
61	38A	Mason for Stone Work-II Class	Day	804.00
62	39A	Mazdoor Category-I	Day	562.00
63	39C	Head Mazdoor	Day	581.00
64	40A	Mechanic-II Class	Day	637.00
65	44A	Painter / Varnisher-II Class	Day	666.00
66	47A	Plumber-II Class	Day	724.00
67	48	Pump Driver	Day	581.00
68	54A	Smith-II Class	Day	637.00
69	56A	Stone Cutter-II Class	Day	637.00
70	58A	Syrang-II Class	Day	637.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
71	60	Thatcher	Day	556.00
72	62A	Tinker-II Class	Day	525.00
73	63A	Turner-II Class	Day	581.00
74	64A	Time Keeper-II Class	Day	637.00
75	67A	Welder / Bracer-II Class	Day	637.00
76	78A	Mazdoor employed for Geological mapping	Day	562.00
77	78B	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	562.00
78	78C	Mazdoor employed for Geophysical investigation works	Day	562.00
79	78D	Head Mazdoor to Supervise exploratory works	Day	594.00
80	79	Mixer Operator (including concrete mixer)	Day	611.00
81	80	Mixer Driver	Day	581.00
82	99	Heavy Mazdoor	Day	611.00
83	102	Electrical Helper	Day	556.00
IV		UN-SKILLED CATEGORY		
84	39B	Mazdoor Category-II	Day	461.00
NOTE:				
1	The Basic Rate adopted under this Head, "Annexure-I – Rates of Labour" is exclusive of all taxes and GST.			
2	The Rates of Labour other than mentioned above shall be adopted from the Schedule of Rates issued by the Engineer-in-Chief, Water Resources Department, Chennai-5			

ANNEXURE-VI

RATES OF OTHER CONSTRUCTION MATERIALS

Note: No extra on cost, conveyance charges shall be allowed for all the items included under this category. The rates approved therein are applicable at site of work

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
154	GI Pipes "B" Class		
i	65mm dia	RM	244.40
ii	50mm dia	RM	209.00
iii	40mm dia	RM	163.00
iv	32mm dia	RM	151.40
v	25mm dia	RM	128.00
vi	20mm dia	RM	98.60
vii	15mm dia	RM	69.80
155	GI Specials		
A	Union		
i	50mm dia	Each	266.30
ii	40mm dia	Each	197.50
iii	32mm dia	Each	127.50
iv	25mm dia	Each	98.60
v	20mm dia	Each	69.80
vi	15mm dia	Each	58.10
B	GI Elbow		
i	50mm dia	Each	128.00
ii	40mm dia	Each	98.60
iii	32mm dia	Each	87.00
iv	25mm dia	Each	58.10
v	20mm dia	Each	25.40
vi	15mm dia	Each	15.90
C	GI Bend		
i	50mm dia	Each	116.30
ii	40mm dia	Each	87.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
iii	32mm dia	Each	69.80
iv	25mm dia	Each	52.00
v	20mm dia	Each	23.20
vi	15mm dia	Each	13.60
D	GI TEE		
i	50mm dia	Each	139.80
ii	40mm dia	Each	110.20
iii	32mm dia	Each	98.60
iv	25mm dia	Each	81.40
v	20mm dia	Each	34.70
vi	15mm dia	Each	28.60
E	GI COUPLING		
i	50mm dia	Each	69.80
ii	40mm dia	Each	58.10
iii	32mm dia	Each	46.50
iv	25mm dia	Each	28.60
v	20mm dia	Each	15.90
vi	15mm dia	Each	13.60
F	GI REDUCER		
i	50mm x 40mm dia	Each	93.20
ii	40mm x 32mm dia	Each	69.80
iii	32mm x 25mm dia	Each	52.00
iv	25mm x 20mm dia	Each	28.60
v	20mm x 15mm dia	Each	20.30
vi	40mm x 25mm dia	Each	52.00
vii	32mm x 20mm dia	Each	40.40
G	GI REDUCER ELBOW		
i	50mm x 40mm dia	Each	110.20
ii	40mm x 32mm dia	Each	93.20
iii	32mm x 25mm dia	Each	69.80
iv	25mm x 20mm dia	Each	52.00

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
v	20mm x 15mm dia	Each	40.40
vi	40mm x 25mm dia	Each	72.70
vii	32mm x 20mm dia	Each	57.60
H	GI REDUCER TEE		
i	50mm x 40mm dia	Each	139.80
ii	40mm x 32mm dia	Each	116.30
iii	32mm x 25mm dia	Each	98.60
iv	25mm x 20mm dia	Each	75.30
v	20mm x 15mm dia	Each	69.80
vi	40mm x 25mm dia	Each	104.70
vii	32mm x 20mm dia	Each	81.40
I	GI HEX NIPPLE		
i	50mm dia	Each	87.00
ii	40mm dia	Each	69.80
iii	32mm dia	Each	58.10
iv	25mm dia	Each	43.70
v	20mm dia	Each	34.70
vi	15mm dia	Each	23.20

ANNEXURE-VII

RATES OF ELECTRICAL ITEMS OF WORKS

Note: No extra on cost, conveyance charges shall be allowed for all the items included under this category. The rates approved therein are applicable at site of work.

Item No.	Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	RATES FOR MATERIALS: ELECTRICAL LAMPS, FITTINGS AND CONNECTED ACCESSORIES.		
I	PART "A"		
1	INCANDESCENT BULBS 230V/250V GRADE BC/ES WITH ISI		
a	15 Watts	Each	9.40
b	25 Watts	Each	9.40
c	40 Watts	Each	9.40
d	60 Watts	Each	9.40
e	100 Watts	Each	9.40
f	200 Watts	Each	18.90
2	INCANDESCENT BULB 230V/250V GRADE B.C/E.S		
a	Colour 15 Watts	Each	11.60
b	Blended Lamp 160 Watts	Each	230.30
3	PL LAMP		
a	9 Watts	Each	71.70
b	11 Watts	Each	76.30
c	18 Watts	Each	120.30
d	36 Watts	Each	133.90
4	FLUORESCENT TUBULAR LAMPS WITH ISI MARK		
a	Cool Day Light 2 Ft. 20 Watts	Each	35.90
b	Cool Day Light 4 Ft. 40 Watts	Each	35.90
c	Cool Day Light 4 Ft. 36 Watts	Each	35.10
5	4' 18W Crystal Glass LED Tube Light Fitting	Each	388.00
6	MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC		
a	80 Watts	Each	165.40
b	125 Watts	Each	173.70
c	250 Watts	Each	424.00
d	400 Watts	Each	597.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	7	BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK		
	a	4 Ft. 40 Watts with Ballast (Lower End)	Each	306.00
	b	4 Ft. 40 Watts with Ballast (Higher End)	Each	450.00
	8	BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK		
	a	4 Ft. 40 Watts with Ballast (Lower End)	Each	574.00
	b	4 Ft. 40 Watts with Ballast (Higher End)	Each	751.00
	9	INDUSTRIAL TYPE FLUORESCENT FITTING STOVE ENAMELLED WITH COPPER CHOKE AND CONDENSOR (HPF) 4' 40 W		
	a	Single type suitable for 1 No. Tube	Each	847.00
	b	Twin type suitable for 2 Nos. Tube	Each	1040.00
	10	DECORATIVE TWIN FLUORESCENT TYPE FITTING WITH COPPER CHOKE & CONDENSOR COMPLETE SUITABLE FOR 2 Nos. FLUORESCENT TUBES		
	a	4' 40 W Twin Mirror Optic Recessed Mounting Type Fitting (Lower End)	Each	1460.00
	b	4' 40 W Twin Mirror Optic Recessed Mounting Type Fitting (Higher End)	Each	1930.00
	c	4' 40 W Twin Mirror Optic Suspension Type Fitting	Each	2632.00
	11	SINGLE TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR THE ONE No. FLUORESCENT TUBE WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a	4 Ft. 40 Watts Type	Each	642.00
	12	TWIN TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR 2 Nos. FLUORESCENT TUBES WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a	4 Ft. 40 Watts Type	Each	864.00
	13	POST TOP LANTERN FITTING OF INTEGRAL TYPE WITH COPPER CHOKE & CONDENSOR & NECESSARY ACCESSORIES (SPHERICAL / RIBBED / CONICAL ACRYLIC COVER)		
	a	Suitable for 125 Watts MV Lamp	Each	3110.00
	b	Suitable for 70 Watts SV Lamp	Each	3278.00
	c	Post top lantern fitting with SC holder suitable for 160W Blended Lamp / Incandescent Lamp	Each	1790.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	14	CFL STREET LIGHT FITTINGS (COMPACT FLOURESCENT LAMP)		Higher End	Lower End
	a	T5 Street Light (IP65) with EB / 4 x 14W T5	Each	3705.00	2964.00
	b	T5 Street Light (IP65) with EB / 4 x 24W T5	Each	4095.00	3275.00
	c	1 x 9W CFL Street Light	Each	853.00	681.00
	d	1 x 11W CFL Street Light	Each	853.00	681.00
	e	1 x 13W CFL Street Light	Each	858.00	681.00
	f	1 x 18W CFL Street Light	Each	858.00	684.00
	g	2 x 9W CFL Street Light	Each	817.00	653.00
	h	2 x 11W CFL Street Light	Each	998.00	799.00
	i	2 x 13W CFL Street Light	Each	998.00	799.00
	j	2 x 18W CFL Street Light	Each	998.00	799.00
	k	1 x 36 CFL Street Light	Each	1020.00	816.00
	l	45-1 x 45W 4U Retro CFL B22 Street Light	Each	952.00	763.00
	m	CFL - 1 x 85W CFL E27 Street Light	Each	1545.00	1240.00
	n	CFL - 1 x 85W CFL B22 Street Light	Each	1545.00	1240.00
	o	36WFP-LHF(MS) Street Light	Each	1610.00	1287.00
	p	36WFP-LHF(AL) Street Light	Each	1790.00	1428.00
	q	T5 1 x 24W FTL T5 Street Light	Each	1670.00	1335.00
	r	T5 2 x 14W FTL T5 Street Light	Each	1845.00	1480.00
	s	T5 2 x 24W FTL T5 Street Light	Each	1935.00	1549.00
	t	FTL 1 x 36 / 40W FTL Street Light	Each	1340.00	1072.00
	u	FTL 2 x 36 / 40W FTL Street Light	Each	1910.00	1528.00
	15	4 FEET LED FITTING		Higher End	Lower End
	a	18W 4 Feet LED Fitting with LED	Each	754.00	642.00
	b	20W 4 Feet LED Fitting with LED	Each	765.00	749.00
		New Items			
	c	1 x 18W / 22W 4 Feet LED Fitting without LED Tube	Each	299.00	
	d	2 x 22W 4 Feet LED Fitting without LED Tube	Each	348.00	
	e	20W LED Tube Light for T8 Fitting (Single Side)	Each	612.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	f	20W LED Tube Light for T8 Fitting (Double Side)	Each	379.00	
	g	18W LED Tube Light for T8 Fitting (Single Side)	Each	603.00	
	h	18W LED Tube Light for T8 Fitting (Double Side)	Each	371.00	
	i	7W / 9W LED Bulb	Each	134.00	
	j	15W LED Bulb	Each	268.00	
	16	LED INDOOR FITTINGS (LIGHT EMITTING DIODE)		Higher End	Lower End
	a	24W LED 4000K 2 x 2 Square Type Recessed Fitting with LED	Each	3508.00	2487.00
	b	18W LED 3000K Square Type Recessed Fitting with LED	Each	1371.00	904.00
	c	18W LED 3000K Round Type Recessed Fitting with LED	Each	1246.00	983.00
	17	LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE)		Higher End	
	a	30W LED Street Light Fitting with LED	Each	2502.00	
	b	48W LED Street Light Fitting with LED	Each	4943.00	
	c	80W LED Focus Light Fitting with LED	Each	11775.00	
	d	120W LED Street Light Fitting with LED	Each	13920.00	
	e	150W LED Street Light Fitting with LED	Each	17350.00	
	18	LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE)		Lower End	
	a	25W LED Street Light Fitting with LED	Each	1182.00	
	b	30W LED Street Light Fitting with LED	Each	1838.00	
	c	60W LED Street Light Fitting with LED	Each	3633.00	
	d	120W LED Street Light Fitting with LED	Each	11780.00	
	e	150W LED Street Light Fitting with LED	Each	13920.00	
		New Items			
	19	LED FLOOD LIGHT		Higher End	
	a	LED Flood Light 100W with Integrated Driver	Each	9375.00	
	b	LED Flood Light 120W with Integrated Driver	Each	10265.00	
	c	LED Flood Light 150W with Integrated Driver	Each	12940.00	
	20	TIMER SWITCHES			
	a	24 Hours Analog Timer Switch with Shortest Switching Time 30 Minutes	Each	2282.00	
	b	24 Hours Programmable Timer Switch with Shortest Switching Time 15 Minutes	Each	2424.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	c	Digital Weekly Programmable Timer Switch with Shortest Switching Time 1 Minute	Each	2272.00
	d	Astronomical Weekly Programmable Timer Switch	Each	2615.00
	e	Staircase Light Timer Switch Adjustable Range 5 to 20 Minutes	Each	1201.00
	21	63A 3 Phase 4 Pole Contactor		5328.00
	22	STARTERS FOR FLUORESCENT TUBES		
	a	Starters of capacity 20 Watts	Each	9.40
	b	Starters of capacity 40 Watts / 36 Watts	Each	9.40
	23	POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR		
	a	20 Watts Fluorescent Tube	Each	193.00
	b	40 Watts Fluorescent Tube	Each	193.00
	c	36 / 40W Electronic Ballast for Fluorescent Tube (Higher End)	Each	320.00
	d	36 / 40W Electronic Ballast for Fluorescent Tube (Lower End)	Each	261.00
	24	CONDENSOR FOR SV / MV LAMP		
	a	8 Mfd for 80 Watts Bulb	Each	103.40
	b	10 Mfd for 125 Watts Bulb	Each	123.80
	c	15 Mfd for 250 Watts Bulb	Each	164.90
	d	20 Mfd for 400 Watts Bulb	Each	228.10
	25	Battern Type Bakelite Holder for Lamp	Each	16.50
	26	Water Tight Bulk Head Fitting suitable for 100 / 60 Watts Lamp with Guard Heavy Type	Each	274.90
	27	Ceiling Rose	Each	13.70
	28	Ceiling Fixtures 250 / 300mm complete with gallery, etc. Clear Glass Opac / Crystal suitable for 40 / 60 Watts Bulb	Each	162.40
	29	Ceiling Luminaire with Mirror Optics suitable for 2 Nos. 9 Watts / 11 Watts	Each	1029.00
		(For Items 7 to 14, 27 & 28 the rates are exclusive of cost of Tubes and Lamps)		
	30	Fan Clamp (Dia 12mm) with 6mm MS Side Plates & 45cm Cross Arm	Each	109.80
	31	CALL BELLS		
	a	Call Bell / Buzzer 6mm suitable for AC / DC	Each	41.30

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	b	Push Bell	Each	16.50
	c	Gong Bell 9" size suitable for 250V	Each	413.00
	d	Gong Bell 12" size suitable for 250V	Each	597.00
	32	WATER HEATER WITH ISI MARK		
	a	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Higher End)	Each	7716.00
	b	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Lower End)	Each	5713.00
	c	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Higher End)	Each	8861.00
	d	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Lower End)	Each	6618.00
II		PART "B"		
	1	FANS - CONFORMING TO ISS		
	a	AC Ceiling Fan complete 1200 mm (48") Sweep with 300mm Down Rod (without Regulator)	Each	1265.00
	b	AC Ceiling Fan Complete 1400 mm (56") Sweep with 300mm Down Rod (without Regulator)	Each	1357.00
	c	Stepped Electronic 300W / 450W Square Type Fan Regulator	Each	215.40
	d	Dimmer Type Electronic 300W / 450W Square Type Fan Regulator	Each	172.20
	e	AC Ceiling Fan complete 1200mm (48") Sweep with 300mm Down Rod (without Regulator) (Higher End)	Each	1435.00
	f	AC Ceiling Fan complete 1400mm (56") Sweep with 300mm Down Rod (without Regulator) (Lower End)	Each	1548.00
	2	EXHAUST FANS		
	a	AC Exhaust Fan 225mm (9") Sweep (Light Duty)	Each	1172.00
	b	AC Exhaust Fan 300mm (12") Sweep (Light Duty)	Each	1340.00
	c	AC Exhaust Fan 375mm (15") Sweep (Light Duty)	Each	1382.00
	d	AC Exhaust Fan 450mm (18") Sweep (Light Duty)	Each	1945.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
		New Item			
	e	AC Exhaust Fan 300mm (12") Sweep (Heavy Duty)	Each	2000.00	
	f	AC Exhaust Fan 375mm (15") Sweep (Heavy Duty)	Each	2554.00	
	g	AC Exhaust Fan 450mm (18") Sweep (Heavy Duty)	Each	3176.00	
	3	LOUVER SHUTTERS ARRANGEMENTS			
	a	MS / Fibre Louvers Shutters arrangements for 300mm AC Exhaust Fan	Each	220.70	
	b	MS / Fibre Louvers Shutters arrangements for 375mm AC Exhaust Fan	Each	233.90	
	c	MS / Fibre Louvers Shutters arrangements for 450mm AC Exhaust Fan	Each	261.70	
	4	CEILING FAN		Higher End	Lower End
	a	48" Ceiling Fan 5 Star Rated (without Regulator)	Each	1617.00	1438.00
	b	48" Ceiling Fan High Speed (without Regulator)	Each	1608.00	
		New Item			
	c	56" Ceiling Fan High Speed (without Regulator)	Each	2313.00	
	d	BEE Energy efficient 1200mm sweep ceiling fan 5 star rated, inverter driven controlled by microprocessor with 300mm down rod with regulator/ remote control (35 W)	Each	2908.00	
		New Items			
	5	WALL MOUNTING FAN			
	a	300mm Sweep	Each	2400.00	
	b	400mm Sweep	Each	2520.00	
	c	450mm Sweep	Each	4125.00	
	6	DIMMER AND REGULATOR		Higher End	Lower End
	a	Fan Step Regulator 100W - 1 Module	Each	338.00	243.00
	b	Fan Step Regulator 100W - 2 Module	Each	385.00	277.00
III		PART "C"			
	1	SWITCHES			
	a	5 Amps (Flush Type)	Dozen	192.60	
	b	5 Amps (Flush Type Staircase)	Dozen	239.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	2	DOUBLE POLE SWITCHES		
	a	16 Amps DP Switch with Metal Clad (Front Handle)	Each	413.00
	b	32 Amps DP Switch with Metal Clad (Front Handle)	Each	847.00
	c	16 Amps DP Switch with Metal Clad (Side Handle)	Each	341.00
	d	32 Amps DP Switch with Metal Clad (Side Handle)	Each	768.00
	3	TRIPLE POLE SWITCHES (SIDE HANDLE)		
	a	100 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	5812.00
	b	125 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	6373.00
	c	200 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	8238.00
	d	315 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	11685.00
	e	400 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	15040.00
	f	16 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	881.00
	g	32 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	1302.00
	h	63 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	2838.00
	i	100 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	5588.00
	j	200 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	8484.00
	4	SWITCH DISCONNECTOR FUSE UNITS IN SHEET STEEL ENCLOSURE (SDF)		
	a	63A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	3590.00
	b	100A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	6038.00
	c	125A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	7129.00
	d	200A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	8955.00
	e	250A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	11165.00
	f	315A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	13390.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	g	400A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	15360.00
	5	SWITCH DISCONNECTOR FUSE UNITS IN OPEN EXECUTION (INTERIOR FOR CUBICAL)		
	a	63A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	2372.00
	b	100A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	4314.00
	c	125A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	5885.00
	d	200A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	7594.00
	e	250A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	9894.00
	f	315A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	12445.00
	g	400A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	14678.00
	6	FUSE UNITS		
	a	16 Amps Porcelain Fuse Unit (500V)	Each	47.60
	b	32 Amps Porcelain Fuse Unit (500V)	Each	84.40
	c	63 Amps Porcelain Fuse Unit (500V)	Each	188.40
	d	100Amps Porcelain Fuse Unit (500V)	Each	340.30
	e	200 Amps Porcelain Fuse Unit (500V)	Each	550.00
	7	SINGLE PHASE DBS		
	a	4 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	458.00
	b	6 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	625.00
	c	8 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	773.00
	8	THREE PHASE DBS		
	a	4 Way TPDB 16A / Way with Fuse & Neutral Link	Each	1809.00
	b	6 Way TPDB 16A / Way with Fuse & Neutral Link	Each	2478.00
	c	8 Way TPDB 16A / Way with Fuse & Neutral Link	Each	2998.00
	d	4 Way TPDB 32A / Way with Fuse & Neutral Link	Each	2289.00
	e	6 Way TPDB 32A / Way with Fuse & Neutral Link	Each	3063.00
	f	8 Way TPDB 32A / Way with Fuse & Neutral Link	Each	3874.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	g	4 Way TPDB 63A / Way with Fuse & Neutral Link	Each	5358.00	
	h	6 Way TPDB 63A / Way with Fuse & Neutral Link	Each	6892.00	
	9	CHANGE OVER SWITCHES			
	a	16 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1246.00	
	b	32 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1476.00	
	c	63 Amps Three Phase 500V 4 Pole Change Over Switch	Each	3225.00	
	d	100 Amps Three Phase 500V 4 Pole Change Over Switch	Each	5127.00	
		New Item			
	e	125A 4 Pole Change Over Switch	Each	8850.00	
	f	200 Amps Three Phase 500V 4 Pole Change Over Switch	Each	9647.00	
	g	250 Amps Three Phase 4 Pole Change Over Switch	Each	20410.00	
	h	400 Amps 3 Three Phase 4 Pole Change Over Switch	Each	31190.00	
	10	MODULAR SWITCHES		Higher End	Lower End
	A	Switches 6A - 230V			
	a	6A Switch 1W - 1 Module	Each	77.40	57.00
	b	6A Switch 2W - 1 Module	Each	94.60	67.20
	c	6A Switch 1W - 1 Module with Indicator	Each	104.00	74.20
	d	6A Switch 1W - 1 Module with 'Light' Marking	Each	83.50	59.50
	e	6A Switch 1W - 1 Module with 'Fan' Marking	Each	83.50	59.50
	B	Switches 16A - 230V			
	a	16A Switch 1W - 1 Module	Each	116.80	83.50
	b	16A Switch 2W - 1 Module	Each	144.20	104.00
	c	16A Switch 1W with Indicator - 1 Module	Each	137.30	98.90
	C	Switches 20A - 230V			
	a	20A 1W Switch - 1 Module	Each	151.80	109.10
	b	20A DP 1W Switch - 2 Module	Each	253.40	181.00
	c	20A DP 1W Switch with Indicator - 2 Module	Each	267.00	192.60
	D	Switches 25A - 230V			
	a	25A SP 1W Switch with Indicator - 1 Module	Each	165.20	119.20

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	E	Switches 32A - 230V			
	a	32A DP Switch with Indicator - 2 Module	Each	322.00	233.50
	11	PUSH BUTTONS			
	a	6A Push Button SP - 1 Module	Each	104.70	75.80
	b	6A Push Button SP with Indicator - 1 Module	Each	136.10	98.00
	c	6A Bell Push - 1 Module	Each	104.00	74.20
	d	6A Bell push with Indicator - 1 Module	Each	128.70	92.10
	e	6A Bell Push - 2 Module	Each	136.00	98.00
	f	6A Bell Push with Indicator - 2 Module	Each	160.00	115.10
	12	MOTOR STARTER			
	a	25A Motor Starter - 2 Module	Each	298.80	215.10
	13	FLUSH MOUNTING BOXES (GI)			
	a	Flush Box - 1/2 Module	Each	38.00	27.50
	b	Flush Box - 3 Module	Each	44.60	32.40
	c	Flush Box - 4 Module	Each	54.40	38.90
	d	Flush Box - 6 Module	Each	85.30	61.70
	e	Flush Box - 8 Module	Each	104.70	75.50
	f	Flush Box - 8 Module (2 row x 4)	Each	105.50	76.30
	g	Flush Box - 12/16 (2 row x 6) Module Metal Box	Each	141.40	101.60
	h	Flush Box - 18 Module Metal Box	Each	160.80	115.40
	14	SURFACE MOUNTING BOXES (PLASTIC)			
	a	Surface Box - 1/2 Module	Each	42.60	30.30
	b	Surface Box - 3 Module	Each	45.00	32.70
	c	Surface Box - 4 Module	Each	58.10	41.70
	d	Surface Box - 6 Module	Each	75.40	54.90
	e	Surface Box - 8 Module	Each	91.90	66.40
	f	Surface Box - 8 (2 row x 4) Module	Each	106.60	77.00
	g	Metal Surface Box - 12/16 (2 row x 6) Module	Each	161.60	116.10
	h	Metal Surface Box - 18 Module	Each	206.00	147.70
	15	COMBINED PLATES (PLASTIC)			
	a	1 Module Cover Plate	Each	63.10	45.80

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	b	2 Module Cover Plate	Each	66.40	47.40
	c	3 Module Cover Plate	Each	80.30	57.20
	d	4 Module Cover Plate	Each	89.30	63.90
	e	6 Module Cover Plate	Each	125.50	90.10
	f	8 Module Cover Plate	Each	159.90	114.80
	g	8 Module Cover Plate (H)	Each	160.70	136.00
	h	12 Module Cover Plate	Each	200.20	144.50
	i	18 Module Cover Plate	Each	252.90	181.30
	16	COMBINED PLATES (ALUMINIUM)			
	a	1 Module Cover Plate	Each	133.80	96.30
	b	2 Module Cover Plate	Each	140.70	98.30
	c	3 Module Cover Plate	Each	152.60	110.00
	d	4 Module Cover Plate	Each	172.30	123.60
	e	6 Module Cover Plate	Each	292.80	211.60
	f	8 Module Cover Plate	Each	323.40	233.90
	g	8 Module Cover Plate (H)	Each	411.30	296.00
	h	12 Module Cover Plate	Each	534.40	385.30
	i	18 Module Cover Plate	Each	704.50	507.00
	17	SOCKET - 230V		Higher End	Lower End
	a	16A 3 Pin Switched Socket - 3 Module	Each	383.80	277.20
	b	6A 5 pin Universal Socket - 2 Module	Each	119.20	86.60
	c	6/16A Socket - 3 Module	Each	216.10	155.90
	d	6/16A Socket - 2 Module	Each	183.50	131.50
IV		PART "D"			
	1	PLUG AND SOCKETS			
	a	5 Amps 3 Pin & 2 Pin Combined Flush Type Wall Socket only	Each	23.90	
	b	5 Amps / 15 Amps 3 Pin Flush Type Wall Socket only	Each	54.00	
	c	5 Amps 3 Pin Top	Each	33.90	
	d	15 Amps 3 Pin Top	Each	48.00	
	e	15 Amps Flush Type Switch	Each	56.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	f	10 Amps MC Plug with 3 Pin Top	Each	179.00
	g	20 Amps MC Plug with 3 Pin Top	Each	204.00
	h	25A Flush type Wall Socket with 25A DP MCB for AC Plug	Each	803.00
	2	SINGLE PHASE WATT HOUR METERS		
	a	AC Single Phase 230V / 250V, 50HZ 5 Amps Watt Hour Meter	Each	954.00
	b	AC Single Phase 230V / 250V, 50HZ 10 Amps Watt Hour Meter.	Each	954.00
	c	AC Single Phase 230V / 250V, 50HZ 20 Amps Watt Hour Meter	Each	954.00
	3	THREE PHASE WATT HOUR METERS		
	a	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 10 Amps Watt Hour Meter	Each	1968.00
	b	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 25 Amps Watt Hour Meter	Each	1968.00
	c	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 50 Amps Watt Hour Meter	Each	2492.00
V		PART "E"		
	1	SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK		
	a	2 core 6 sq.mm. PVC Armoured UG Cable	Metre	90.70
	b	2 core 10 sq.mm. PVC Armoured UG Cable	Metre	110.40
	c	2 core 16 sq.mm. PVC Armoured UG Cable	Metre	119.90
	d	2 core 25 sq.mm. PVC Armoured UG Cable	Metre	136.10
	e	3 ¹ / ₂ core 25 sq.mm. PVC Armoured UG Cable	Metre	205.20
	f	3 ¹ / ₂ core 35 sq.mm. PVC Armoured UG Cable	Metre	241.60
	g	3 ¹ / ₂ core 50 sq.mm. PVC Armoured UG Cable	Metre	314.70
	h	3 ¹ / ₂ core 70 sq.mm. PVC Armoured UG Cable	Metre	403.70
	i	3 ¹ / ₂ core 95 sq.mm. PVC Armoured UG Cable	Metre	522.50
	j	3 ¹ / ₂ core 120 sq.mm. PVC Armoured UG Cable	Metre	638.30
	k	3 ¹ / ₂ core 150 sq.mm. PVC Armoured UG Cable	Metre	756.00
	l	3 ¹ / ₂ core 185 sq.mm. PVC Armoured UG Cable	Metre	922.90
	m	3 ¹ / ₂ core 240 sq.mm. PVC Armoured UG Cable	Metre	1170.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	n	3 ¹ / ₂ core 300 sq.mm. PVC Armoured UG Cable	Metre	1436.00
	o	3 ¹ / ₂ core 400 sq.mm. PVC Armoured UG Cable	Metre	1831.00
	p	4 core 6 sq.mm. PVC Armoured UG Cable	Metre	117.50
	q	4 core 10 sq.mm. PVC Armoured UG Cable	Metre	128.80
	r	4 core 16 sq.mm. PVC Armoured UG Cable	Metre	169.70
	2	PVC INSULATED SINGLE CORE MULTI STRAND FIRE RETARDANT FLEXIBLE COPPER CABLE WITH ISI MARK CONFORMING TO IS		
	a	14 / 0.3 (1.0 sq.mm.)	Metre	9.80
	b	22 / 0.3 (1.5 sq.mm.)	Metre	15.50
	c	36 / 0.3 (2.5 sq.mm.)	Metre	24.10
	d	56 / 0.3 (4 sq.mm.)	Metre	38.30
	e	84 / 0.3 (6 sq.mm.)	Metre	56.70
	f	140 / 0.3 (10 sq.mm.)	Metre	85.30
	g	101 / 0.45 (16 sq.mm.)	Metre	139.50
	h	168 / 0.45 (25 sq.mm.)	Metre	306.40
	3	CONDUCTOR		
	a	Hard Drawn Copper Conductor (Gauge No. 8&6)	KG	575.00
	b	14 SWG TC Wire	KG	589.00
	c	GI No.8 Wire and No.6 Wire	KG	94.90
	4	CABLE GLANDS		
	a	Cable Gland suitable for 2 core 4 sq.mm. UG Cable	Each	18.15
	b	Cable Gland suitable for 2 core 6 sq.mm. UG Cable	Each	22.70
	c	Cable Gland suitable for 2 core 10 sq.mm. UG Cable	Each	27.15
	d	Cable Gland suitable for 2 core 16 sq.mm. UG Cable	Each	40.20
	e	Cable Gland suitable for 2 core 25 sq.mm. UG Cable	Each	48.00
	f	Cable Gland suitable for 3 ¹ / ₂ core 25 sq.mm. UG Cable	Each	48.00
	g	Cable Gland suitable for 3 ¹ / ₂ core 35 sq.mm. UG Cable	Each	61.10
	h	Cable Gland suitable for 3 ¹ / ₂ core 50 sq.mm. UG Cable	Each	61.10
	I	Cable Gland suitable for 3 ¹ / ₂ core 70 sq.mm. UG Cable	Each	75.35
	j	Cable Gland suitable for 3 ¹ / ₂ core 95 sq.mm. UG Cable	Each	92.00
	k	Cable Gland suitable for 3 ¹ / ₂ core 120 sq.mm. UG Cable	Each	117.15

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	l	Cable Gland suitable for 3 ¹ / ₂ core 150 sq.mm. UG Cable	Each	154.20
	m	Cable Gland suitable for 3 ¹ / ₂ core 185 sq.mm. UG Cable	Each	182.40
	n	Cable Gland suitable for 3 ¹ / ₂ core 240 sq.mm. UG Cable	Each	182.40
	o	Cable Gland suitable for 3 ¹ / ₂ core 300 sq.mm. UG Cable	Each	217.80
	p	Cable Gland suitable for 3 ¹ / ₂ core 400 sq.mm. UG Cable	Each	309.90
	q	Cable Gland suitable for 3 ¹ / ₂ core 500 sq.mm. UG Cable	Each	361.30
	r	Cable Gland suitable for 4 core 6 sq.mm. UG Cable	Each	22.70
	s	Cable Gland suitable for 4 core 10 sq.mm. UG Cable	Each	27.15
	t	Cable Gland suitable for 4 core 25 sq.mm. UG Cable	Each	48.00
	5	FUSE WIRE (COPPER)		
	a	5 Amps Fuse Wire	KG	575.00
	b	10 Amps Fuse Wire	KG	575.00
	c	20 Amps Fuse Wire	KG	575.00
	6	NEUTRAL LINK 15 AMPS		
	a	4 Way Neutral Link	Each	28.50
	b	6 Way Neutral Link	Each	42.20
	c	8 Way Neutral Link	Each	52.60
	d	12 Way Neutral Link	Each	76.50
VI		PART "F"		
	1	MS BOX WITH PAINTING (16 SWG)		
	a	MS Box of size 100 x 100 x 75 mm	Each	45.60
	b	MS Box of size 150 x 100 x 75 mm	Each	63.10
	c	MS Box of size 200 x 150 x 75 mm	Each	102.70
	d	MS Box complete with Lock & Key arrangements with painting of size 300 x 200 x 100mm	Each	310.50
	2	Synthetic Moulded Compound Box for Street Light	Each	845.00
VII		PART "G"		
	1	MS ANGLES		
	a	1 ¹ / ₂ "x1 ¹ / ₂ "x ¹ / ₄ " (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	51.40
	b	1 ¹ / ₂ " x 1 ¹ / ₂ " x ¹ / ₂ " (37.5 x 37.5 x 12.5mm)	KG	51.40
	c	2" x 2" x ¹ / ₂ " (50 x 50 x 12.5mm)	KG	51.40

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	2	ALUMINIUM FLAT		
	a	Aluminium Flat (1" x 1/4") (25 x 6.25mm)	KG	163.50
	b	Aluminium Flat (1" x 1/8")	KG	163.50
	3	COPPER FLAT		
	a	Copper Flat (25 x 3mm)	KG	526.00
	b	Copper Flat (25 x 6mm)	KG	526.00
	c	Copper Flat (33 x 6mm)	KG	526.00
	d	Copper Flat (50 x 6mm)	KG	526.00
	4	POWER CAPACITOR		
	a	Power capacitor for power factor improvement with oil filled with discharge resistance 3 phase 415 / 440V 50 HZ conforming to ISS with ISI marking	KVAR	315.00
		New Item		
	5	Plate Earthing	Each	11090.00
VIII		PART "H"		
	1	CONDUIT MATERIALS 16 GAUGE		
	a	Conduit Pipe 16mm (5/8") Heavy Gauge	Metre	31.20
	b	Conduit Pipe 19mm (3/4") Heavy Gauge	Metre	32.30
	c	Conduit Pipe 25mm (1") Heavy Gauge	Metre	39.70
	d	Conduit Pipe 32mm (1 1/4") Heavy Gauge	Metre	52.20
	e	Conduit Pipe 38mm (1 1/2") Heavy Gauge	Metre	61.50
	2	CONDUIT TEE BENDS		
	a	Conduit Tee Bend 16mm (5/8")	Dozen	87.70
	b	Conduit Tee Bend 19mm (3/4")	Dozen	88.60
	c	Conduit Tee Bend 25mm (1")	Dozen	106.40
	d	Conduit Tee Bend 32mm (1 1/4")	Dozen	110.10
	e	Conduit Tee Bend 38mm (1 1/2")	Dozen	137.30
	f	Conduit Tee Bend 50mm (2")	Dozen	171.50
	3	CONDUIT BENDS - 16 GAUGE		
	a	Conduit Solid Bend 16mm (5/8")	Dozen	83.00
	b	Conduit Solid Bend 19mm (3/4")	Dozen	92.40

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	c	Conduit Solid Bend 25mm (1")	Dozen	109.20
	d	Conduit Solid Bend 32mm (1 ¹ / ₄ ")	Dozen	129.00
	e	Conduit Solid Bend 38mm (1 ¹ / ₂ ")	Dozen	183.00
	f	Conduit Solid Bend 50mm (2")	Dozen	224.00
	4	CONDUIT INSPECTION BEND-16 GAUGE		
	a	Conduit Inspection Bend 16mm (5/8")	Dozen	83.00
	b	Conduit Inspection Bend 19mm (3/4")	Dozen	85.90
	c	Conduit Inspection Bend 25mm (1")	Dozen	110.10
	d	Conduit Inspection Bend 32mm (1 ¹ / ₄ ")	Dozen	132.70
	e	Conduit Inspection Bend 38mm (1 ¹ / ₂ ")	Dozen	171.80
	f	Conduit Inspection Bend 50mm (2")	Dozen	195.20
	g	Conduit Inspection Bend 65mm (2 ¹ / ₂ ")	Dozen	251.30
	5	HDPE PIPE		
	a	HDPE Pipe 50mm / 38mm	RM	102.00
	b	HDPE Pipe 90mm / 76mm	RM	210.00
	c	HDPE Pipe 120mm / 103.50mm	RM	262.00
	6	CABLE TRAY		
	a	GI Hot Dip / Powder Coated 16 SWG Cable Tray with 150mm width and 50mm height	RM	325.00
	b	GI Hot Dip / Powder Coated 16 SWG Cable Tray with 300mm width and 50mm height	RM	396.00
IX		PART "I"		
	1	PVC (RIGID) PIPES (1.8MM THICK) WITH ISI		
	a	PVC Rigid Pipe 16mm (5/8")	Metre	13.10
	b	PVC Rigid Pipe 20mm (3/4")	Metre	19.10
	c	PVC Rigid Pipe 25mm (1")	Metre	28.40
	d	PVC Rigid Pipe 32mm (1 ¹ / ₄ ")	Metre	43.00
	e	PVC Rigid Pipe 40mm (1 ¹ / ₂ ")	Metre	61.40
	f	PVC Rigid Pipe 50mm (2")	Metre	92.00
	2	PVC RIGID BENDS		
	a	PVC Rigid Bend 16mm (5/8")	Each	3.00
	b	PVC Rigid Bend 20mm (3/4")	Each	3.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	c	PVC Rigid Bend 25mm (1")	Each	4.10
	d	PVC Rigid Bend 32mm (1 ¹ / ₄ ")	Each	7.30
	e	PVC Rigid Bend 40mm (1 ¹ / ₂ ")	Each	18.40
	f	PVC Rigid Bend 50mm (2")	Each	22.50
	3	PVC COUPLES		
	a	PVC Couples 16mm (5/8")	Dozen	13.20
	b	PVC Couples 19mm (3/4")	Dozen	13.20
	c	PVC Couples 25mm (1")	Dozen	25.70
	d	PVC Couples 32mm (1 ¹ / ₄ ")	Dozen	58.90
	e	PVC Couples 38mm (1 ¹ / ₂ ")	Dozen	126.20
	f	PVC Couples 50mm (2")	Dozen	131.80
	4	PVC TEES		
	a	PVC Tee 16mm (5/8")	Dozen	13.20
	b	PVC Tee 19mm (3/4")	Dozen	15.30
	c	PVC Tee 25mm (1")	Dozen	19.60
	d	PVC Tee 32mm (1 ¹ / ₄ ")	Dozen	87.90
	e	PVC Tee 38mm (1 ¹ / ₂ ")	Dozen	282.20
	f	PVC Tee 50mm (2")	Dozen	309.00
	5	PVC SADDLES		
	a	PVC Saddles 16mm (5/8")	Dozen	3.00
	b	PVC Saddles 19mm (3/4")	Dozen	3.45
	c	PVC Saddles 25mm (1")	Dozen	4.00
	d	PVC Saddles 32mm (1 ¹ / ₄ ")	Dozen	5.00
	e	PVC Saddles 38mm (1 ¹ / ₂ ")	Dozen	6.15
	f	PVC Saddles 50mm (2")	Dozen	12.30
	6	PVC JUNCTION BOXES		
	a	Junction Boxes 1, 2, 3 & 4 way 16mm (5/8")	Dozen	41.20
	b	Junction Boxes 1, 2, 3 & 4 way 19mm (3/4")	Dozen	41.20
	c	Junction Boxes 1, 2, 3 & 4 way 25mm (1")	Dozen	48.50
	d	Junction Boxes 1, 2, 3 & 4 way 32mm (1 ¹ / ₄ ")	Dozen	107.70
	e	Junction Boxes 1, 2, 3 & 4 way 38mm (1 ¹ / ₂ ")	Dozen	128.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	7	PVC HYLEM SHEETS			
	a	Hylem Sheet 3mm Thick	Sq.m	630.00	
	8	INSULATION TAPE PVC			
	a	PVC Insulation Tape (19mm)	Roll / 10 mtr.	15.30	
	b	Empire Tape (12mm)	Roll / 10 mtr.	20.60	
	c	Empire Tape (19mm)	Roll / 10 mtr.	24.70	
		New Items			
	9	CABLE MANAGEMENT SYSTEM			
	a	Cable Management Box with Cover			
	i	50mm x 80mm	Mtr.	945.00	
	ii	150mm x 105mm	Mtr.	1200.00	
	b	Divider	Each	205.00	
	c	Cover Joint	Each	115.00	
	d	End Cap	Each	190.00	
	e	Joint for Top Part	Each	215.00	
	f	Joint for Bottom Part	Each	260.00	
X		PART "J"			
		TEAK WOOD MATERIALS			
	1	TW BOX CONCEALED TYPE			
	a	TW Box Concealed Type 12" x 8" x 3"	Each	69.90	
	b	TW Box Concealed Type 8" x 6" x 3"	Each	37.10	
	c	TW Box Concealed Type 6" x 4" x 3"	Each	16.50	
	d	TW Box Concealed Type 4" x 4" x 3"	Each	13.80	
	e	TW Plugs 1 ¹ / ₂ " x 1" x 2"	1000 Nos.	287.00	
	f	TW Round blocks	100 Nos.	558.00	
XI		PART "K"			
	1	CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES			
		Size		Aluminium	Copper
	a	4.0 sq.mm.	Each	1.34	4.47
	b	6.0 sq.mm.	Each	1.50	4.47

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	c	10.0 sq.mm.	Each	1.93	5.60
	d	16.0 sq.mm.	Each	1.93	6.75
	e	25.0 sq.mm.	Each	2.94	11.30
	f	35.0 sq.mm.	Each	3.89	12.45
	g	50.0 sq.mm.	Each	5.80	14.70
	h	70.0 sq.mm.	Each	7.70	23.90
	i	95.0 sq.mm.	Each	8.80	29.60
	j	120.0 sq.mm.	Each	11.80	41.00
	k	150.0 sq.mm.	Each	15.70	52.40
	l	185.0 sq.mm.	Each	20.50	79.80
	m	225.0 sq.mm.	Each	30.50	113.90
	n	240.0 sq.mm.	Each	33.40	113.90
	o	300.0 sq.mm.	Each	46.30	153.70
	p	400.0 sq.mm.	Each	69.10	233.60
	2	CABLE ROUTE INDICATOR			
	a	Cable Route Indicator for LT Cable	Each Box	76.10	
	b	Cable Route Indicator for HT Cable	Each Box	76.10	
XII		PART "L"			
	1	BRASS SCREWS			
	a	Brass Screws (20mm) 3/4" No.6	Gross	59.60	
	b	Brass Screws (25mm) 1" No.6	Gross	64.30	
	c	Brass Screws (40mm) 1 1/2" No.6	Gross	68.80	
	d	Brass Screws (20mm) 3/4" No.8	Gross	59.60	
	e	Brass Screws (25mm) 1" No.8	Gross	64.30	
	f	Brass Screws (50mm) 2" No.10	Gross	133.00	
	g	Brass Screws (75mm) 3" No.10	Gross	196.80	
	2	Coach Screws 2" x 1/4" (50 x 6.25mm)	Dozen	11.80	
	3	CONDUIT SADDLES			
	a	Conduit Saddles 16mm (5/8")	Gross	36.60	
	b	Conduit Saddles 19mm (3/4")	Gross	39.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	c	Conduit Saddles 25mm (1")	Gross	45.80	
	d	Conduit Saddles 32mm (1 ¹ / ₄ ")	Gross	59.60	
	e	Conduit Saddles 38mm (1 ¹ / ₂ ")	Gross	73.20	
	f	Conduit Saddles 50mm (2")	Gross	82.70	
	g	Conduit Saddles 65mm (2 ¹ / ₂ ")	Gross	94.20	
	4	SODIUM VAPOUR FITTINGS & LAMP (FOR EXTERNAL ELECTRIFICATION AND CAMPUS LIGHTING) (LOWER END)			
	a	250 Watts Sodium Vapour Fittings	Each	3025.00	
	b	250 Watts Sodium Vapour Lamp	Each	668.00	
	c	150 Watts Sodium Vapour Fittings	Each	2983.00	
	d	150 Watts Sodium Vapour Lamp	Each	572.00	
	e	70 Watts Sodium Vapour Fittings	Each	2405.00	
	f	70 Watts Sodium Vapour Lamp	Each	380.00	
	5	SODIUM VAPOUR LAMP FITTING SINGLE PIECE DIE CAST ALUMINIUM HOUSING AND LAMP FOR HEAVY TRAFFIC ROADS (HIGHER END)			
	a	400 Watts Sodium Vapour Fittings	Each	9045.00	
	b	400 Watts Sodium Vapour Lamp	Each	938.00	
	c	250 Watts Sodium Vapour Fittings	Each	6170.00	
	d	250 Watts Sodium Vapour Lamp	Each	758.00	
	e	150 Watts Sodium Vapour Fittings	Each	5790.00	
	f	150 Watts Sodium Vapour Lamp	Each	623.00	
	g	70 Watts Sodium Vapour Fittings	Each	2475.00	
	h	70 Watts Sodium Vapour Lamp	Each	429.00	
	6	MINIATURE CIRCUIT BREAKERS 240 V / 415V 50HZ - AC SUPPLY SUITABLE FOR BOTH LIGHTING AND MOTOR CIRCUITS		Higher End	Lower End
	a	Single Pole 6A to 32A, 10KA	Each	173.00	127.00
	b	Single Pole 40A, 10KA	Each	357.00	265.00
	c	Single Pole & Neutral 6A to 32A, 10KA	Each	511.00	385.00
	d	Single Pole & Neutral 40A, 10KA	Each	829.00	535.00
	e	Double Pole 6A to 32A, 10KA	Each	511.00	424.00
	f	Double Pole 40A, 10KA	Each	829.00	581.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	g	Triple Pole 6A to 32A,10KA	Each	822.00	641.00
	h	Triple Pole 63A,10KA	Each	1250.00	1020.00
	i	Triple Pole & Neutral 6A to 32A,10KA	Each	1082.00	835.00
	j	Triple Pole & Neutral 63A, 10KA	Each	1617.00	1287.00
	k	Four Pole 6 A to 32A, 10KA	Each	1082.00	894.00
	l	Four Pole 63A, 10KA	Each	1617.00	1370.00
	7	New Items			
		MCB			
	a	100A Triple Pole MCB	Each	6920.00	
	b	125A Triple Pole MCB	Each	7680.00	
	c	100A Four Pole MCB	Each	8830.00	
	d	125A Four Pole MCB	Each	9990.00	
	8	PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT MCBs		Higher End	Lower End
	a	10A Single Pole	Each	846.00	500.00
	b	20A Single Pole	Each	903.00	507.00
	c	20A Double Pole	Each	978.00	--
	d	20A Triple Pole	Each	1659.00	962.00
	e	32A Triple Pole	Each	1979.00	1302.00
	f	63A Triple Pole	Each	8065.00	--
	9	SHEET STEEL ENCLOSURE FOR MCB's		Higher End	Lower End
	a	2 Pole	Each	374.00	260.00
	b	4 pole	Each	549.00	319.00
	10	RCCB / ELCB			
	a	10 Amps 30 MA DP	Each	2387.00	1754.00
	b	25 Amps 30 MA DP	Each	1968.00	1505.00
	c	40 Amps 30 MA DP	Each	2178.00	1591.00
	11	RCCB / ELCB (FOUR POLE)			
	a	25 Amps 30 MA	Each	2710.00	1858.00
	b	40 Amps 30 MA	Each	2743.00	1900.00
	c	63 Amps 30 MA	Each	3173.00	2157.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	12	HRC - FUSES			
	a	16 Amps	Each	61.10	29.80
	b	32 Amps	Each	63.40	50.00
	c	63 Amps	Each	130.80	63.00
	d	125 Amps	Each	305.00	139.70
	e	160 Amps	Each	380.00	188.40
	f	200 Amps	Each	392.00	188.40
	g	250 Amps	Each	546.00	278.40
	13	MCB ISOLATORS		Higher End	Lower End
	a	32A - DP	Each	268.20	--
	b	32A - TP	Each	448.00	--
	c	32A - FP	Each	513.00	--
	d	40A - DP	Each	370.00	256.00
	e	40A - TP	Each	642.00	471.00
	f	40A - FP	Each	826.00	575.00
	g	63A - DP	Each	496.00	326.00
	h	63A - TP	Each	848.00	514.00
	i	63A - FP	Each	903.00	600.00
	j	100A - DP	Each	--	421.00
	k	100A - TP	Each	932.00	669.00
	l	100A - FP	Each	952.00	732.00
	14	MCCB			
		New Items			
	a	63A / 100A 3 Pole MCCB	Each	6195.00	
		Rotary Handle	Each	885.00	
		Spreader Terminal	Each	235.00	
	b	160A 3 Pole MCCB	Each	11760.00	
		Rotary Handle	Each	1500.00	
		Spreader Terminal	Each	1130.00	
	c	125A 3 Pole MCCB	Each	8660.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	d	250A 3 Pole MCCB	Each	17850.00
		Spreader Terminal for 250A/125A	Each	1138.00
		Rotary Handle for 250A/125A	Each	1405.00
	e	400A 3 Pole MCCB	Each	23550.00
		400A Spreader Terminal	Each	1959.00
	f	630A 3 Pole MCCB	Each	28840.00
		630A Spreader Terminal	Each	3300.00
		Rotary Handle for 400A/ 630A	Each	2294.00
		New Items		
	g	63A / 100A 4 Pole MCCB	Each	8600.00
		Rotary Handle	Each	885.00
		Spreader Terminal	Each	400.00
	h	125A 4 Pole MCCB	Each	9265.00
		Rotary Handle	Each	885.00
		Spreader Terminal	Each	400.00
	i	160A 4 Pole MCCB	Each	13980.00
		Rotary Handle	Each	1500.00
		Spreader Terminal	Each	1490.00
	j	250A 4 Pole MCCB	Each	21810.00
		250A Spreader Terminal	Each	1380.00
	k	400A 4 Pole MCCB	Each	29415.00
		400A Spreader Terminal	Each	2814.00
		New Items		
	15	AIR CIRCUIT BREAKER		
	a	630A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	201300.00
	b	800A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	201300.00
	c	1000A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	207700.00
	d	1250A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	226700.00
	e	1600A, 4 pole 50kA, Microprocessor Based, EDO Breaker	Each	248900.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	16	HORIZONTAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	TPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2262.00	1790.00
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	2785.00	2262.00
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	3340.00	2775.00
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	4933.00	3770.00
	2	TPMCB DB with Acrylic Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2628.00	--
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	3225.00	--
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	3854.00	--
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	5875.00	--
	3	Industrial Type TPMCB DB with IP54 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6379.00	--

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 18	Each	7678.00	--
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	8400.00	--
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	11597.00	--
	17	VERTICAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 8 way / 12 way vertical TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoings and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	TPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	5404.00	4440.00
	b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	6850.00	5467.00
	c	12 ways 3 phase DB No. of ways incomer MCB/Isolatore - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	9134.00	6724.00
	2	TPMCB DB with Acrylic Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	6525.00	--
	b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	8307.00	--

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	c	12 ways 3 phase DB No. of ways incomer MCB/Isolatore - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	11045.00	--
	d	6 Way Vertical TPN Distributions boards; IP43 with double door (Metal); with 12 module incomers and 18 Single Phase/Three Phase/ MCB's outgoing; as per IS	Each	10015.00	-
	3	Industrial Type TPMCB DB with IP54 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	10095.00	--
	b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	12185.00	--
	c	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	16340.00	--
	18	7 SEGMENTS (3 TIER) 3 PHASE DISTRIBUTION BOARD WITH MCB 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD (totally 8 ways in one segment) (3 x 4 ways in each segment) and separate provisions for MCB / Isolator (totally 12 Nos.) for sub incomers in 3 segments with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	TPMCB DB with Metal / Acrylic Door Cover with IP 42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 12	Each	5310.00	--
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 18	Each	6000.00	--
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 24	Each	6693.00	--

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 36	Each	8525.00	--
	19	Vertical TPN Distribution Boards (with MCCB Incomer); Double Door; IP43, as per IS 8623 III; Impact resistance IK09; Frame MCCB Incomer & Single Phase/Three Phase MCBs as Outgoing (for power loads exceeding 100A)		Higher End	Lower End
	a	4 Way, MCCB + 12 Modules	Each	9045.00	16755.00
	b	6 Way, MCCB + 18 Modules	Each	10450.00	18250.00
	c	8 Way, MCCB + 24 Modules	Each	11390.00	19480.00
	d	12 Way, MCCB + 36 Modules	Each	15170.00	20650.00
	e	16 Way, MCCB + 48 Modules	Each	17920.00	23250.00
	20	SINGLE PHASE DISTRIBUTION BOARD WITH MCBs 4 way / 8 way / 12 way vertical SPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single phase MCB outgoing and separate 2 way provision for accommodating One No. 2 pole incoming MCB / Isolator and another separate 2 way provision for accommodating One No. 2 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	SPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	889.00	581.00
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 6	Each	1112.00	794.00
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 10	Each	1339.00	1024.00
	2	SPMCB DB with Acrylic Door Cover with IP 42 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	1049.00	--

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 6	Each	1237.00	--
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 10	Each	1500.00	--
	3	Industrial Type SPMCB DB with IP 54 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 2	Each	2680.00	--
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 6	Each	3140.00	--
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 10	Each	3619.00	--
XIII		PART "M"			
	1	TRANSFORMERS			OEM
	a	250 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	917000.00	
	b	500 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1259000.00	
	c	630 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1613000.00	
	d	1000 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	2058000.00	
	e	250 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1031000.00	
	f	500 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1373000.00	
	g	630 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1727000.00	
	h	1000 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	2172000.00	
		New Items			
	i	1600 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	3050000.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	j	1600 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	3180000.00
	k	11KV 2 Pole HT Structure		434500.00
	l	11KV 6 Pole HT structure		1430000.00
	2	11 KV INDOOR VACCUM CIRCUIT BREAKER		
	a	11 KV, 25 KA, 630 A, HT Indoor Single Panel Vaccum Circuit Breaker complete as per specification	Each	445000.00
	b	11 KV, 25 KA, 630 A, HT Indoor Three Panel Vaccum Circuit Breaker complete as per specification	Each	1134000.00
	c	11 KV, 25 KA, 630 A, HT Indoor Four Panel Vaccum Circuit Breaker complete as per specification	Each	1609000.00
	d	11 KV, 25 KA, 630 A, HT Indoor Five Panel Vaccum Circuit Breaker complete as per specification	Each	1929000.00
	3	11 KV OUTDOOR VACCUM CIRCUIT BREAKER		
	a	11 KV, 25 KA, 630 A, HT Outdoor Single Panel Vaccum Circuit Breaker complete as per specification	Each	465000.00
	b	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Vaccum Circuit Breaker complete as per specification	Each	1162000.00
	c	11 KV, 25 KA, 630 A, HT Outdoor Four Panel Vaccum Circuit Breaker complete as per specification	Each	1628000.00
	d	11 KV, 25 KA, 630 A, HT Outdoor Five Panel Vaccum Circuit Breaker complete as per specification	Each	1949000.00
	4	11 KV INDOOR RING MAIN GEAR (RMG)		
	a	11 KV, 25 KA, 630 A, HT Indoor Three Panel Ring Main Gear complete as per specification	Each	647000.00
	5	11 KV OUTDOOR RING MAIN GEAR (RMG)		
	a	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Ring Main Gear complete as per specification	Each	678000.00
	6	HT CABLES		
		New Items		
	a	185 sq.mm. 3 core HT XLPE 11KV (E)	Mtr.	1685.00
	b	185 sq.mm. 3 core HT XLPE 11KV (UE)	Mtr.	2190.00
	c	240 sq.mm. 3 core HT XLPE 11KV (UE)	Mtr.	2575.00
	d	240 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 2402797	Mtr	1965.00
	e	300 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 3002797	Mtr	2285.00
	f	300 sq.mm. 3 core HT XLPE 11KV (UE) SISMV11U3 x 3002424	Mtr	2680.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	7	CABLES, ACCESSORIES AND KITS			
	a	120-185 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3111	Each	11000.00	
	b	240-300 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3121	Each	11750.00	
	c	120-185 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3362	Each	15200.00	
	d	240-300 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3372	Each	17100.00	
	e	240-400 sq.mm. 3 core HT Cable Indoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4685	Each	15500.00	
	f	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4961	Each	20500.00	
	g	150-185 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables - EPKT 5363	Each	21800.00	
	h	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables-EPKT 5373	Each	29000.00	
	i	185-240 sq.mm 3 core HT Cables Straight Through Joints 22KV (E) Screened XLPE Cables-EPKJ 5118	Each	57000.00	
	j	300-400 sq.mm. 3 core HT Cable Straight Thorough Joints 22KV (E) Screened XLPE Cables - EPKJ 5119	Each	63700.00	
	8	SAFETY ACCESSORIES			
	a	AC Chargeable Emergency Lamp 2 x 11W PL Lamp with all connected accessories	Each	3181.00	
	b	2m x 1m Rubber Mat suitable for 11 KV installation confirming to IS	Set (5 Nos.)	18558.00	
	c	First Aid Box complete with all First Aid Medicines	Each	1696.00	
	d	Shock Treatment Chart fixed in glass frame	Each	1696.00	
	e	4 Nos. Fire Buckets made out of 40 x 40 x 6mm MS Angle	Each	4666.00	
	f	Hand Gloves 11KV Grade	Each	1908.00	
	g	Danger Board as required by the Electrical Authorities	Each	1590.00	
	h	Fire Extinguisher Co2, 4.5 kg. confirming to TAC Norms	Each	1432.00	
	i	Earth Discharge Rod	Each	3711.00	
XIV		PART "N"			
	1	SUPPLY & INSTALLATION OF AIR-CONDITIONER WITH COPPER COIL		3 Star Rated	5 Star Rated
	a	1.5 TR Split Type AC Unit	Each	32600.00	43400.00
	b	2.0 TR Split Type AC Unit	Each	43400.00	55400.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	c	Supply and installation of 4 KVA capacity Automatic Voltage Stabilizer with time delay relay	Each	4365.00
	d	Supply and installation of 5 KVA capacity Automatic Voltage Stabilizer with time delay relay	Each	4855.00
	e	Supply and laying of 5/8" and 3/8" copper pipe (Extra beyond 3 metres supplied with AC unit)	Each	924.00
	f	Supply and fixing of MS stand for fixing outdoor unit	Each	1070.00
	2	SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND HANDING OVER OF AIR-COOLED SELF CONTAINED DUCTABLE AC UNITS		
	a	3.0 TR Ceiling Suspended Ductable Unit	Each	96400.00
	b	5.5 TR Ceiling Suspended Ductable Unit	Each	166400.00
	c	8.5 TR Ceiling Suspended Ductable Unit	Each	226800.00
	d	11 TR Ceiling Suspended Ductable Unit	Each	292600.00
	e	17 TR Ceiling Suspended Ductable Unit	Each	424200.00
	f	5.5 TR Floor Mounted Ductable Unit	Each	351700.00
	g	8.5 TR Floor Mounted Ductable Unit	Each	363300.00
	h	11 TR Floor Mounted Ductable Unit	Each	399000.00
	i	17 TR Floor Mounted Ductable Unit	Each	570000.00
	j	25 TR Floor Mounted Ductable Unit	Each	685000.00
	3	ACCESSORIES FOR PACKAGE AC		
	a	Supply and filling of R-22 Refrigerant Gas	KG	562.00
	b	Supply and fixing of Copper Refrigerant Piping of 7/8" dia	RM	1020.00
	c	Supply and fixing of Flexible Canvas Connection	Each	2720.00
	d	Supply and fixing of 50mm thick Anti Vibrating Rubber Pads	Sqm.	534.00
	e	Supply, Fabrication and erection of fabricated ducting made up of GI Sheets of 24 Gauge thickness	RM	834.00
	f	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 22 Gauge thickness	Sqm.	1117.00
	g	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 20 Gauge thickness	Sqm.	1389.00
	h	Supply and fixing of extruded aluminum powder coated, Supply and return Air Grilles / Diffusers with Volume Control Damper	Sqm.	7775.00
	i	Supply and fixing of water drain pipe line (1" PVC Pipe)	RM	63.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	j	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Indoor Unit	Each	7194.00
	k	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Outdoor Unit	Each	6123.00
	l	Supply and providing of pipeline nitrle rubber insulation for Refrigerant and drain pipe lines.	RM	54.30
	m	Supply and fixing of Duct Mouth Dampers	Set	2330.00
	n	Supply and providing acoustic for initial portion of ducting with 12mm thick Fibre Glass Rigid Board covered with Tissue Paper and Aluminum Perforated Sheet	Sqm.	827.00
	o	Supply and providing thermal insulation of 9mm thick vidoflex with Aluminum Foil	Sqm.	806.00
	p	Supply and providing Civil Concrete Block for Mounting the Airconditioning Unit	Each	693.00
	q	Supply and laying of 30 sq.mm. incoming cable	RM	375.00
	r	Supply and providing of 10 sq.mm. copper flexible single cable	RM	86.90
	s	Supply and providing of 1.5 sq.mm. copper flexible cable	RM	19.40
	t	Supply and providing of 0.5 sq.mm. 4 core flexible signal cable	RM	16.20
		New Items		
	4	VARIABLE REFRIGERANT FLOW (VRF) AIR-CONDITIONING SYSTEM		
	a	Inverter Scroll Compressor Modular VRF ODU		
	i	34.0 HP	Each	755000.00
	ii	32.0 HP	Each	718500.00
	iii	30.0 HP	Each	673000.00
	iv	28.0 HP	Each	630000.00
	v	26.0 HP	Each	583100.00
	vi	24.0 HP	Each	534200.00
	vii	22.0 HP	Each	504700.00
	viii	20.0 HP	Each	462000.00
	ix	18.0 HP	Each	397800.00
	x	16.0 HP	Each	354400.00
	xi	14.0 HP	Each	342800.00
	xii	12.0 HP	Each	311600.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	xiii	10.0 HP	Each	235000.00
	xiv	8.0 HP	Each	226400.00
	b	High ESP Duct (200Pa / 220Pa) with Wired Controller, No Drain Pump		
	i	6.3 TR	Each	81000.00
	ii	8.0 TR	Each	83700.00
	iii	12.8 TR	Each	143100.00
	iv	16.0 TR	Each	149800.00
	c	Wall-Mounted Panel with Cordless Remote Controller		
	i	0.63 TR	Each	17700.00
	ii	0.80 TR	Each	18800.00
	iii	1.03 TR	Each	21800.00
	iv	1.28 TR	Each	22500.00
	v	1.60 TR	Each	23600.00
	vi	2.02 TR	Each	24100.00
	5	SUPPLY AND FILLING REFRIGERANT GAS		
	a	R410A	Kg.	600.00
	b	R407C	Kg.	600.00
	6	REFRIGERANT PIPE		
	a	36.90mm	RM	1915.00
	b	28.60mm	RM	1750.00
	c	22.20mm	RM	1470.00
	d	19.10mm	RM	1120.00
	e	15.90mm	RM	1050.00
	f	12.70mm	RM	950.00
	g	9.50mm	RM	755.00
	h	6.40mm	RM	660.00
	7	DRAIN PIPE		
	a	25mm	RM	165.00
	b	32mm	RM	198.00
	c	40mm	RM	242.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	d	50mm	RM	286.00
	8	Supply and fixing of Refnet joint	Each	9020.00
	9	GENERATORS WITH STANDARD PANEL		
	a	5 KVA	Each	202100.00
	b	7.5 KVA	Each	210900.00
	c	10 KVA	Each	238500.00
	d	15 KVA	Each	256300.00
	e	20 KVA	Each	269500.00
	f	30 KVA	Each	328000.00
	g	35 KVA	Each	350200.00
	h	40 KVA	Each	408700.00
	i	45 KVA	Each	477300.00
	j	62.5 KVA	Each	549000.00
	k	82.5 KVA	Each	647500.00
	l	100 KVA	Each	720000.00
	m	125 KVA	Each	827600.00
	n	160 KVA	Each	1124000.00
	o	200 KVA	Each	1373000.00
	p	250 KVA	Each	1546000.00
		New Item		
	q	500 KVA	Each	3918000.00
	10	GENERATORS WITH AUTO MAIN FAILURE (AMF) PANEL		
	a	62.5 KVA	Each	659600.00
	b	82.5 KVA	Each	757900.00
	c	100 KVA	Each	941300.00
	d	125 KVA	Each	1048000.00
	e	160 KVA	Each	1345000.00
	f	200 KVA	Each	1594000.00
	g	250 KVA	Each	1767000.00
	6	Exhaust Pipe with Silencer	RM	2177.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	11	PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD		Higher End
	A	8 Persons Passenger Lift Car Size (1300 x 1100)		
	a	Gearless Lift with Machine Room	Each	1500000.00
	b	Gearless Lift without Machine Room	Each	1570000.00
	B	10 Persons Passenger Lift Car Size (1300 x 1350)		Higher End
	a	Gearless Lift with Machine Room	Each	1567000.00
	b	Gearless Lift without Machine Room	Each	1643000.00
	C	13 Persons Passenger Lift Car Size (2000 x 1100)		Higher End
	a	Gearless Lift with Machine Room	Each	1745000.00
	b	Gearless Lift without Machine Room	Each	1825000.00
	D	20 Persons Passenger Lift Car Size (2000 x 1500)		Higher End
	a	Gearless Lift with Machine Room	Each	2169000.00
	b	Gearless Lift without Machine Room	Each	2305000.00
		Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift.		--
	12	BED-CUM-PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD		
	A	15 Persons Passenger Lift Car Size (1000 x 2400)		Higher End
	a	Gearless Lift with Machine Room	Each	1904000.00
	b	Gearless Lift without Machine Room	Each	2025000.00
	B	20 Persons Passenger Lift Car Size (1300 x 2400)		
	a	Gearless Lift with Machine Room	Each	2275000.00
	b	Gearless Lift without Machine Room	Each	2369000.00
	C	26 Persons Passenger Lift Car Size (1600 x 2400)		
	a	Gearless Lift with Machine Room	Each	2586000.00
	b	Gearless Lift without Machine Room	Each	2787000.00
		Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift.		--

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
		New Items			
	13	1 PHASE UPS (Single Phase In & Single Phase Out)		System with Battery	
		CAPACITY		1 hour back-up	2 hours back-up
	a	1 KVA	Each	29500.00	39500.00
	b	2 KVA	Each	65000.00	85500.00
	c	3 KVA	Each	78500.00	135000.00
	d	5 KVA	Each	145000.00	200000.00
	e	7.5 KVA	Each	175000.00	228000.00
	14	3 PHASE UPS (Three Phase In & Single Phase Out)		System with Battery	
		CAPACITY		1 hour back-up	2 hours back-up
	a	7.5 KVA	Each	185000.00	237500.00
	b	10 KVA	Each	270000.00	360000.00
	c	15 KVA	Each	370000.00	446000.00
XV		PART "O"			
	1	GI STEEL TUBULAR POLE FOR STREET LIGHT			
	a	4 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	6350.00	
	b	4 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	7230.00	
	c	6 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	7590.00	
	d	6 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	8470.00	
	e	7 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	9730.00	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	f	7 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	10700.00
	g	7.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	10870.00
	h	7.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	12010.00
	i	8 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	11190.00
	j	8 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	12320.00
	k	8.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	11930.00
	l	8.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	13390.00
	m	9 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	11930.00
	n	9 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	13390.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	o	10 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	15800.00
	p	10 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	16230.00
	q	12 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	18620.00
	r	10 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	20640.00
	2	OCTAGONAL POST		
	a	Supply, Erection of 8m Free Standing Single Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 300 x 300 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 130mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	20790.00
	b	Supply, Erection of 8m Free Standing Double Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 300 x 300 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 130mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	21920.00
	c	Supply, Erection of 7m Free Standing Double Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 250 x 250 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 140mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	20910.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
		New Items		
	3	Minimast (12 Metre) with 6 Nos. 150W LED Fitting	Each	349800.00
	4	Highmast (16 Metre) with 8 Nos. 150W LED Fitting	Each	528100.00
	5	LIGHTNING ROD		
	a	Supply of Early Streamer Emission Air Terminal (ESEAT). Model: L The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (ΔT_s) obtained during the lab test for the offered model is 60 μs . The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011). ESEAT Model : L - Radius of protection : 86 Metres Level of protection considered for the Project-II level	Each	73850.00
	b	Supply of Early Streamer Emission Air Terminal (ESEAT). Model: S The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (ΔT_s) obtained during the lab test for the offered model is 60 μs . The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011). ESEAT Model : S - Radius of protection : 46 Metres Level of protection considered for the Project-II level	Each	65580.00
	c	MOUNTING STRUCTURE		
		Supply of Standard / Special Mounting Structure of height 4.5 mts. pipe, and 300 x 300 x 8mm MS plate, 3 mts. 48mm OD class C GI outer pipe, 1.8 mtr, 38mm OD inner pipe, for roof mounting on concrete base and with FRP adapter	Each	19680.00
	d	DOWN CONDUCTOR		
		Supply and run of 25mm x 6mm GI Flat Down Conductor with necessary clamps / supports on wall / floor / ground for earth connection	Mtr	114.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	e	TEST LINK		
		Supply of Test Link Box for each Down conductor in order to disconnect the earth termination system to enable measurement of resistance	Each	4843.00
	f	EARTH ELECTRODE		
		Supply and insallation maintenance free GI Earthing System comprising of 50mm dia and 2 mtr. long earth electrode of low carbon steel rod with 100 micron bonding and 25 kgs. of carbon based environment friendly backfill compound and suitable clamp	Each	8938.00
	g	SURGE PROTECTION		
		Supply and insallation Cabinet Type Class 1 and 2 Combined Model SPD to arrest surges and overvoltages in the power line due to lighning switching action etc. they must be installed in the incoming MCC panel / DB of the respective bulding in parallel to the power circuit. Model: PSV4-12.5/400TT (3 phase power network)	Each	18780.00
XVI		PART "P"		
		CONFERENCE TYPE PUBLIC ADDRESS SYSTEM, PROJECTOR AND MOTORIZED SCREEN		Higher End
	1	Chairman Unit	Each	15095.00
	2	Delegate Unit	Each	13380.00
	3	Conference Controllor	Set	33475.00
	4	PA Mixer Amplifier 120W	Set	20155.00
	5	PA Mixer Amplifier 240W	Set	25860.00
	6	PA Booster Amplifier 480W	Set	44660.00
	7	Wall Speaker 15W	Each	8679.00
	8	Wall Speaker 30W	Each	12615.00
	9	Ceiling Speaker 15W	Each	2196.00
	10	Ceiling Speaker 20W	Each	3394.00
	11	Cordless Mic UHF	Each	20200.00
	12	8 Pin Conference Mic Socket with Modular Box and Front Plate	Each	330.90
	13	2 Core 1.5 sq.mm Shielded Copper Speaker Wire	RM	40.90
	14	8 Core 1.5 sq.mm PVC Copper Conference Ccable	RM	157.00
	15	3200 Ansi Lumens Projector, XGA (1024X 768) Resolution, Contrast Ratio: 4000:1	Each	39180.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	16	3600 Ansi Lumens Projector, XGA (1024X 768) Resolution, Contrast Ratio: 20000:1	Each	55740.00
	17	3300 Ansi Lumens Short Throw Projector, WXGA (1280 X 800) Resolution, Contrast Ratio: 3000:1	Each	98200.00
	18	6' x 4' Motorized Screen	Each	12089.00
	19	8' x 6' Motorized Screen	Each	16220.00
	20	10' x 8' Motorized Screen	Each	19480.00
	21	3 Feet Ceiling Mount Kit	Each	4294.00
	22	20 Metre HDMI Cable	Set	4252.00
	23	3 Core 1.5 sq.mm. PVC Power Cable for Projector	RM	57.80
	24	UNARMoured 0.5MM TELEPHONE CABLE		
	a	2 Pair	RM	9.10
	b	4 Pair	RM	16.30
	c	10 Pair	RM	38.60
	d	20 Pair	RM	71.40
	e	50 Pair	RM	161.00
	25	ARMoured 0.5MM JELLY FILLED TELEPHONE CABLE		
	a	10 Pair	RM	149.80
	b	20 Pair	RM	220.20
	c	50 Pair	RM	428.20
	d	100 Pair	RM	742.50
	e	200 Pair	RM	1382.00
	26	UNARMoured CO-AXIAL CABLE FOR TV		
	a	RG-06	RM	23.40
	b	RG-11	RM	53.00
	27	ARMoured CO-AXIAL CABLE FOR TV		
	a	RG-06	RM	89.60
	b	RG-11	RM	127.40
	28	UNARMoured LAN & CCTV CABLE		
	a	CAT-6	RM	29.40
	29	ARMoured LAN & CCTV CABLE		
	a	CAT-6	RM	105.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	30	UNARMoured SPEAKER CABLE		
	a	2 Core - 1.0 sq.mm	RM	28.40
	b	2 Core - 1.5 sq.mm	RM	40.80
	31	ARMoured SPEAKER CABLE		
	a	2 Core - 1.5 sq.mm	RM	84.60
	b	2 Core - 2.5 sq.mm	RM	105.00
	32	OFC CABLE		
	a	6 Core Indoor	RM	54.00
	b	6 Core Outdoor	RM	59.00
	c	12 Core Indoor	RM	69.20
	33	PoE SWITCHES FOR CCTV IP CAMERA		Higher End
	a	4 Port	Each	6158.00
	b	8 Port	Each	8514.00
	c	24 Port	Each	19270.00
	34	NETWORK VIDEO RECORDER FOR CCTV		
	a	4 Channel - 1 SATA	Each	5569.00
	b	8 Channel - 1 SATA (1 No. Hard Disk)	Each	6426.00
	c	16 Channel - 2 SATA (2 Nos. Hard Disk)	Each	11776.00
	d	32 Channel - 2 SATA (2 Nos. Hard Disk)	Each	21410.00
	35	LAN NETWORK SWITCHES		
	I	Un-Managed 10 / 100 / 1000		
	a	8 Port	Each	1981.00
	b	16 Port	Each	5194.00
	c	24 Port	Each	6373.00
	II	Semi-Managed 10 / 100 / 1000		
	a	24 Port	Each	11988.00
	III	Fully Managed 10 / 100 / 1000 Layer-2 with 1G Uplink		
	a	8 Port	Each	17129.00
	b	24 Port	Each	35339.00
	c	24 Port with Fibre Port	Each	63185.00
	d	48 Port	Each	42820.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	IV	Fully Managed 10 / 100 / 1000 Layer-2 with 10G Uplink		
	a	24 Port	Each	38550.00
	b	28 Port	Each	49530.00
	V	Fully Managed 10 / 100 / 1000 Layer-3 with 10G Uplink		
	a	24 Port	Each	112460.00
	b	24 Port with Fibre Port	Each	128470.00
	c	48 Port	Each	208760.00
	36	MEDIA CONVERTER FOR OPTICAL FIBRE CABLE		
	a	Single Mode	Each	5355.00
	b	Multi Mode	Each	4819.00
	37	I/O SOCKET		
	a	RJ-45	Each	161.10
	b	RJ-11	Each	64.20
	c	CAT 6 PVC Module Box	Each	64.20
	d	Face Plate Single Socket RJ-45	Each	96.80
	e	Face Plate Dual Socket RJ-45	Each	107.00
	f	Face Plate Quad Socket RJ-45	Each	118.10
	38	HARD DISK FOR NVR		Higher End
	a	2 TB	Each	5890.00
	b	4 TB	Each	12478.00
	c	6 TB	Each	16922.00
	d	8 TB	Each	24633.00
	39	RACK WITH ACCESSORIES		Higher End
	a	2U Rack	Each	1927.00
	b	4U Rack	Each	2676.00
	c	6U Rack	Each	3211.00
	d	9U Rack	Each	4282.00
	e	12U Rack	Each	6423.00
	f	36U Rack	Each	21412.00
	g	42U Rack	Each	37470.00

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)	
	h	Fan extra for the above rack	Each	535.00	
	40	PATCH CORD		Higher End	
	a	1 Metre Length	Each	139.30	
	b	2 Metre Length	Each	186.80	
	c	3 Metre Length	Each	225.20	
	d	24 Port Patch Panel – Unloaded	Each	2141.00	
	e	24 Port Patch Panel – Fully Loaded	Each	4016.00	
XVII		PART "Q"			
		HIRE CHARGES FOR TEMPORARY ARRANGEMENTS			
	1	METAL HALLIDE LAMP			
	a	1 Day	Each	278.00	
	b	2 Days	Each	350.00	
	c	3 Days	Each	405.00	
	d	4 Days	Each	456.00	
	e	5 Days	Each	511.00	
	f	6 Days	Each	556.00	
	g	7 Days	Each	612.00	
	2	GENERATOR		Starting & End Day	Inter-mediate Days
	a	62.5 KVA	Each	1780.00	1424.00
	b	125 KVA	Each	3673.00	2938.00
	c	250 KVA	Each	7348.00	5878.00
	d	320 KVA	Each	8795.00	7037.00
	e	500 KVA	Each	13360.00	10685.00
	3	CABLE			
	a	2 of 7/20 sq.mm	RM	2.12	
	b	4 of 7/20 sq.mm	RM	4.24	
	c	4 of 19/16 sq.mm	RM	11.65	
	d	4 of 7/16 sq.mm	RM	6.35	
	e	4 of 120 sq.mm	RM	56.15	
	f	3.5 x 180 sq.mm LTUG	RM	22.25	
	g	4 of 185 sq.mm	RM	78.40	

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	h	3 Core Flexible Wire	RM	3.18
	i	4 Core Flexible Wire	RM	3.18
	j	4 Core 6 sq.mm Copper Cable	RM	6.35
	k	4 x 10 sq.mm Flexible Cable	RM	6.35
	l	2 of 3/20 sq.mm	RM	2.12
	m	3 1/2 x 50 sq.mm LTUG	RM	11.65
	n	Co-Axial Cable	RM	1.06
	4	SERIAL SET		
	a	2 Days	RM	18.00
	b	3 Days	RM	26.50
	5	Fly Catcher 2 Days	Each	178.00
	6	Air Cooler with Stand 2 Days	Each	301.00
	7	Air Circulator 2 Days	Each	66.70
	8	Pedastal Fan	Each	44.50
	9	LED Nose Light	Each	19.00
	10	Earth Pipe	RM	33.90
	11	100A Change Over Switch	Each	167.40
	12	250A Change Over Switch	Each	178.00
	13	400A Change Over Switch	Each	222.00
	14	250A Change Over Switch with Panel Board	Each	834.00
	15	100A Panel Board with 100A TPN Switch & 5 Nos. 30A TPN switch with Bus Bar	Each	863.00
	16	250A Panel Board with 250A TPN Switch & 7 Nos. 63A DPMCB switch	Each	1113.00
	17	100A Panel Board incoming 100A TPN Switch with various range of TP/DP/SP MCB with suitable angle iron frame work	Each	823.00
	18	200A Panel Board	Each	890.00
	19	400A Panel Board	Each	1669.00
	20	4'40W Patty Tube Light with Fitting	Each	26.40
	21	15A / 5A Plug Board	Each	26.40
	22	Blank Post	Each	2060.00
	23	6 metre GI Post for Metal Halide Fitting	Each	100.70

Item No.		Details	Per	Basic Rate approved for the year 2021-2022 (w.e.f. 13.09.2021)
	24	1.5 TR Split AC	Each	5567.00
	25	2 TR Split AC	Each	7460.00
	26	5 TR Split AC	Each	26275.00
	27	7.5 TR Ductable AC	Each	38410.00
	28	5 TR Slim Pack	Each	26055.00
	29	Air Curtain	Each	556.00
	30	High Power Audio System	Each	50100.00
	31	PA System	Each	7794.00
	32	Amplifier, Mic, XLR	Each	5567.00
	33	2 x 15 HF 3 Way Speaker	Each	1780.00
	34	1 x 15 HF Speaker	Each	1113.00
	35	4 x 12 Loud Speaker	Each	667.00
	36	Car Calling System arrangement	Each	3340.00
	37	Cordless Mic	Each	556.00
	38	Wired Mic	Each	556.00
	39	32 Channel Mixer Amplifier	Each	667.00
	40	Laptop to play CD Songs	Each	2226.00
	41	5 KVA with 1 Hour back-up	Each	8350.00
	42	Power Amplifier	Each	222.60
	43	Sony Video Camera	Each	5567.00
	44	42" Plasma Screen	Each	2783.00
	45	Mixer Board, Computer, UPS, etc	Each	8900.00
	46	200W LED Flood Light Fitting	Each	222.60
	47	5TR Slim Package AC	Each	28170.00
Note:		The Basic Rate adopted under this Head, "Annexure-VII – Rates of Electrical Items of Works" is exclusive of all taxes and GST.		

GOVERNMENT OF TAMIL NADU					
PUBLIC WORKS DEPARTMENT					
OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) & CHIEF ENGINEER (BUILDINGS), CHENNAI REGION, PWD, CHEPAUK, CHENNAI-5					
ELECTRICAL DETAILED DATA					
(TAMIL NADU)					
FOR THE YEAR 2021-2022					
(WITH EFFECT FROM 13.09.2021)					
Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 1					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with MS switch Box and 5A FT switch with painting of suitable colour continuous earth wire connection of 14 SWG TC wire for light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22/0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
45	Metre	MS heavy gauge conduit pipe 16mm (5 / 8")	31.20	Metre	1404.00
150	Nos.	TW plug 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
0.5	Gross	Conduit saddles 16mm (5/8")	36.60	Gross	18.30
1	Gross	Brass screws (25mm) No.6	64.30	Gross	64.30
8	Nos.	MS conduit bends 16 mm	83.00	Dozen	55.33
4	Nos.	Conduit tee bends 16 mm	87.70	Dozen	29.23
4	Nos.	5A SP flush type switch	192.60	Dozen	64.20
4	Nos.	Ceiling rose	13.70	Each	54.80
1	No.	3 way MS junction box (150 x 150 x 75mm) (MR)	67.00	Each	67.00
4	Nos.	MS conduit round box (MR)	5.25	Each	21.00
4	Nos.	MS switch box (100 x 100 x 75mm)	48.05	Each	192.20
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
500	ML.	Quality paint	225.40	Litre	112.70
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
					4449.17
		Add 1% sundries, etc.			44.49
		Labour charges			6589.00
		Total			11082.66
		Rate per point = Rs. 11082.66/4	2770.67		
		Say Rs.	2771.00		
		LABOUR DETAILS			
1	No.	Electrical Maistry	817.00	Each	817.00
2	Nos.	Wireman Grade-I	712.00	Each	1424.00
3	Nos.	Wireman Grade-II	708.00	Each	2124.00
4	Nos.	Electrical Helper	556.00	Each	2224.00
					6589.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 2					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with switch box with 5A FT switch inflush with wall and covered with hylum sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for light point / fan point (for electronic regulator)					
		From SD 1			4449.17
		LESS			
4	Nos.	Switch box (100 mm x 100 mm x 75 mm)(MR)	48.05	Each	192.20
1	No.	150mm x 150mm x 75mm MS junction box	67.00	Each	67.00
					259.20
					4189.97
		ADD			
4	Nos.	Switch box concealed type (MR)	41.25	Each	165.00
1	No.	MS junction box concealed type (150 x 150 x 75mm) (MR)	67.00	Each	67.00
4	Nos.	Hylem sheet 100mm x 100mm x 3mm	6.30	Each	25.20
1	No.	Hylem sheet 150mm x 150mm x 3mm	14.18	Each	14.18
					271.38
					4461.35
		Add 1% sundries, etc.			44.61
		Labour chargess as per SD 1			6589.00
		Total			11094.96
		Rate per point = Rs. 11094.96/4	2773.74		
		Say Rs.	2774.00		
SD 3					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with MS accessories with MS switch box in flush with wall with 5A FT switch with 3mm thick hylum sheet cover MS switch box with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion for concealed light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
45	Metre	Heavy gauge MS conduit pipe 16mm (5 / 8")	31.20	Metre	1404.00
8	Nos.	MS conduit bends 16mm	83.00	Dozen	55.33
4	Nos.	Conduit tee 16mm	87.70	Dozen	29.23
4	Nos.	5A SP flush type switch	192.60	Dozen	64.20
4	Nos.	MS conduit round box (MR)	5.25	Each	21.00
4	Nos.	MS switch box concealed type (100 x 100 x 75mm) (MR)	41.25	Each	165.00
1	No.	MS Junction box concealed type (150 x 150 x 75mm) (MR)	67.00	Each	67.00
4	Nos.	Ceiling rose	13.70	Each	54.80
4	Nos.	Hylem sheet (100 x 100 x 3 mm)	6.30	Each	25.20

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	Hylem sheet 150 x 150 x 3mm	14.18	Each	14.18
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
1.25	Bag	Cement	298.00	Bag	372.50
5	Bag	Sand	83.25	Bag	416.25
					4878.84
		Add 1% sundries, etc.			48.79
		Labour charges			10559.00
		Total			15486.63
		LABOUR DETAILS			
		As per SD 1		6589.00	
2	Nos.	Mason Grade-I	861.00	Each	1722.00
4	Nos.	Mazdoor-I Class	562.00	Each	2248.00
				10559.00	
		Rate per point = Rs. 15486.63/4	3871.66		
		Say Rs.	3872.00		
SD 4					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade on suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with MS switch box and 5A FT switch (two way) with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open staircase light point					
90	Metre	1.5 sq.mm. (22/0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
30	Metre	MS conduit heavy gauge pipe 19mm (3 / 4")	32.30	Metre	969.00
100	Nos.	TW plugs (38mm x 25mm x 19mm)	287.00	1000 Nos.	28.70
1/3	Gross	Conduit saddle 19mm (48 Nos.)	39.00	Gross	13.00
96	Nos.	Brass screws 38mm (1-1/2")	68.80	Gross	45.87
6	Nos.	Conduit bends 19mm	92.40	Dozen	46.20
3	Nos.	Conduit tees 19mm	88.60	Dozen	22.15
6	Nos.	5A flush type staircase switch	239.00	Dozen	119.50
3	Nos.	Ceiling rose	13.70	Each	41.10
3	Nos.	Conduit round block (MR)	5.25	Each	15.75
6	Nos.	MS switch box 100 x 100 x 75mm (MR)	48.05	Each	288.30
1	No.	MS junction box 150mm x 150mm x 75mm (MR)	67.00	Each	67.00
0.9	Kg.	14 SWG TC wire	589.00	Kg.	530.10
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
350	ML.	Quality paint	225.40	Litre	78.89
					3793.47
		Add 1% sundries, etc.			37.93
		Labour charges as per SD 1			6589.00
		Total			10420.40
		Rate per point = Rs. 10420.4/3	3473.47		
		Say Rs.	3473.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 5					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with MS switch box with 5A FT switch (two way) in flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open staircase light point					
		From SD 4			3793.47
		LESS			
6	Nos.	Switch box open type(100 mm x100 mm x 75 mm)(MR)	48.05	Each	288.30
1	No.	MS Junction box 150mm x 150mm x 75mm (MR)	67.00	Each	67.00
					355.30
		ADD			3438.17
6	Nos.	Staircase MS switch box concealed type (MR) 100 x 100 x 75mm	41.25	Each	247.50
6	Nos.	Hylem sheet 100mm x 100mm x 3mm	6.30	Each	37.80
6	Nos.	Labour chargess for concealing and making good	13.55	Each	81.30
1	No.	MS junction box 150 x 150 x 75mm concealed type	67.00	Each	67.00
1	No.	Hylem sheet 150mm x 150mm x 3mm	14.18	Each	14.18
					447.78
					3885.95
		Add 1% sundries, etc.			38.86
		Labour charges as per SD 1			6589.00
		Total			10513.81
		Rate per point = Rs. 10513.81/3	3504.60		
		Say Rs.	3505.00		
SD 6					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with MS accessories with MS switch box with 5A FT switch (two way) in flush with wall and covered with 3mm thick hylem sheet for MS switch box with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed staircase light point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
30	Metre	MS heavy gauge conduit pipe 19mm	32.30	Metre	969.00
6	Nos.	Conduit bends 19mm	92.40	Dozen	46.20
3	Nos.	Conduit tees 19mm	88.60	Dozen	22.15
6	Nos.	5A flush type staircase switch	239.00	Dozen	119.50
3	Nos.	Ceiling rose	13.70	Each	41.10
3	Nos.	MS conduit round block (MR)	5.25	Each	15.75
6	Nos.	MS switch box 100 x 100 x 75mm concealed type	41.25	Each	247.50
1	No.	Hylern sheet 150 x 150 x 3mm	14.18	Each	14.18
6	Nos.	Hylem sheet 100mm x 100mm x 3mm	6.30	Each	37.80

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	MS junction box 150 x 150 x 75mm concealed type (MR)	67.00	Each	67.00
0.9	Kg.	14 SWG TC wire	589.00	Kg.	530.10
1	Bag	Cement	298.00	Bag	298.00
4	Bags	Sand	83.25	Bag	333.00
					4136.28
		Add 1% sundries, etc.			41.36
		Labour charges 2/3 of SD 3			7039.33
		Total			11216.97
		Rate per point = Rs. 11216.97/3	3738.99		
		Say Rs.	3739.00		
SD 7					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with suitable MS box to house the control switch and regulator with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open conduit for fan point (for rheostatic fan type regulator)					
		From SD 1			4449.17
		LESS			
4	Nos.	MS switch box 100 x 100 x 75mm	48.05	Each	192.20
					4256.97
		ADD			
4	Nos.	MS switch box 30cm x 20cm x 7.5cm	110.60	Each	442.40
					4699.37
		Add 1% sundries, etc.			46.99
		Labour charges as per SD 1			6589.00
		Total			11335.36
		Rate per point = Rs. 11335.36/4	2833.84		
		Say Rs.	2834.00		
SD 8					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with suitable MS box to house the control switch regulator flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open conduit fan point (for rheostatic type fan regulator)					
		From SD 7			4699.37
		LESS			
4	Nos.	MS switch box 30 x 20 x 7.5cm	110.60	Each	442.40
1	No.	MS Junction box 150 x 150 x 75mm	67.00	Each	67.00
					509.40
		ADD			4189.97
4	Nos.	MS switch box flush type 30 x 20 x 7.5cm	104.50	Each	418.00

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
4	Nos.	Hylem sheet	37.80	Each	151.20	
4	Nos.	Labour chargess for concealing	18.90	Each	75.60	
1	No.	MS Junction box concealed type (150 x 150 x 75mm)	67.00	Each	67.00	
1	No.	Hylem sheet 150 x 150 x 3mm	14.18	Each	14.18	
						725.98
						4915.95
		Add 1% sundries, etc.				49.16
		Labour charges as per SD 1				6589.00
		Total				11554.10
		Rate per point = Rs. 11554.1/4	2888.53			
		Say Rs.	2889.00			
SD 9						
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with MS accessories in flush with wall with suitable MS box to the house control switch and regulator with 3mm thick hylem sheet cover for MS switch box with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed fan point (for rheostatic type fan regulator)						
		From SD 3				4878.84
		LESS				
4	Nos.	MS switch box	41.25	Each	165.00	
4	Nos.	Hylem sheet	6.30	Each	25.20	
						190.20
		ADD				4688.64
4	Nos.	MS switch box to house fan regulator and control switch concealed type (30 x 20 x 7.5cm) (MR)	104.50	Each	418.00	
4	Nos.	Hylem sheet each (300 x 200 x 3mm)	37.80	Each	151.20	
						569.20
						5257.84
		Add 1% sundries, etc.				52.58
		Labour charges as per SD 3				10559.00
		Total				15869.42
		Rate per point = Rs. 15869.42/4	3967.36			
		Say Rs.	3967.00			
SD 10						
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box for 5A 3 pin non interlocking flush type CS plug with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open plug point						
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre		1395.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
45	Metre	MS conduit heavy gauge pipe 16mm (5 / 8")	31.20	Metre	1404.00
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2 "x 1" x 3/4")	287.00	1000 Nos.	43.05
(1/2)	Gross	Conduit saddles 16mm (72 Nos.)	36.60	Gross	18.30
1	Gross	Brass screws 25mm (No.6)	64.30	Gross	64.30
8	Nos.	Conduit bends 16mm	83.00	Dozen	55.33
4	Nos.	Conduit tees 16mm	87.70	Dozen	29.23
8	Nos.	MS switch box 150 x 100 x 75mm	63.10	Each	504.80
8	Nos.	5A flush type switch	192.60	Dozen	128.40
8	Nos.	5A 3pin and 2pin combined flush type wall socket	23.90	Each	191.20
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
500	ML.	Quality paint	225.40	Litre	112.70
					4874.38
		Add 1% sundries, etc.			48.74
		Labour charges as per SD 1			6589.00
		Total			11512.12
		Rate per point = Rs. 11512.12/8	1439.02		
		Say Rs.	1439.00		
SD 11					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box inflush with wall with 3mm thick hylum sheet cover for 5A 3pin non interlocking flush type CS plug with painting of suitable colour with continuous earthwire connection of 14SWG TC wire for open plug point					
		From SD 10			4874.38
		LESS			
8	Nos.	MS switch box open type (150 x 100 x 75mm)	63.10	Each	504.80
					4369.58
		ADD			
8	Nos.	MS switch concealed type (flush type)	60.25	Each	482.00
8	Nos.	Hylem sheet (150 x 100 x 3mm)	9.45	Each	75.60
8	Nos.	Labour for concealing	13.55	Each	108.40
					666.00
					5035.58
		Add 1% sundries, etc.			50.36
		Labour charges as per SD 1			6589.00
		Total			11674.93
		Rate per point = Rs. 11674.93/8	1459.37		
		Say Rs.	1459.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 12					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories in flush with wall with 150mm x 100mm x 75mm MS switch box with 3mm thick hylum sheet cover for 5A 3pin non interlocking CS plug with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed plug point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
45	Metre	MS conduit pipe 16mm heavy gauge	31.20	Metre	1404.00
8	Nos.	MS conduit bend 16mm	83.00	Dozen	55.33
4	Nos.	Conduit tee 16mm	87.70	Dozen	29.23
8	Nos.	MS switch box 150mm x 100mm x 75mm concealed type (MR)	60.25	Each	482.00
8	Nos.	Hylem sheet (150 x 100 x 3mm)	9.45	Each	75.60
8	Nos.	5A flush type switch	192.60	Dozen	128.40
8	Nos.	5A 3pin and 2 pin combined flush type wall socket	23.90	Each	191.20
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
1.25	Bag	Cement	298.00	Bag	372.50
5	Bag	Sand	83.25	Bag	416.25
					5344.67
		Add 1% sundries, etc.			53.45
		Labour charges as per SD 3			10559.00
		Total			15957.11
		Rate per point = Rs. 15957.11/8	1994.64		
		Say Rs.	1995.00		
SD 13					
Wiring with 2 x 4 sq.mm. (56 / 0.3mm) PVC insulated single core unsheathed copper cable conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box for 15A 3 pin non interlocking CS plug with painting of suitable colour with continuous earth wire connection by 14 SWG TC wire for open power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	3447.00
45	Metre	MS conduit pipe 19mm	32.30	Metre	1453.50
150	Nos.	TW plug 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 19 mm	39.00	Gross	19.50
1	Gross	Brass screws 25mm	64.30	Gross	64.30
8	Nos.	Conduit bends 19 mm	92.40	Dozen	61.60
4	Nos.	Conduit tee 19mm	88.60	Dozen	29.53
8	Nos.	MS switch box 150 mm x 100 mm x 75mm	63.10	Each	504.80
8	Nos.	5A/15A 3pin combined flush type wall socket only	54.00	Each	432.00
8	Nos.	15A flush type switch	56.00	Each	448.00
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
500	ML.	Quality paint	225.40	Litre	112.70
					7544.04
		Add 1% sundries, etc.			75.44
		Labour charges as per SD 1			6589.00
		Total			14208.48
		Rate per point = Rs. 14208.48/8	1776.06		
		Say Rs.	1776.00		
SD 14					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box in flush with wall with 3mm thick hylum sheet for 15A 3pin non interlocking flush type CS plug with painting suitable colour with continuous earth wire connection of 14 SWG TC wire for open power plug point					
		From SD 13			7544.04
		LESS			
8	Nos.	MS box 150 x 100 x 75mm switch box opentype	63.10	Each	504.80
					7039.24
		ADD			
8	Nos.	MS box 150 x 100 x 75mm switch box concealed type	60.25	Each	482.00
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.45	Each	75.60
8	Nos.	Labour for concealing	13.55	Each	108.40
					666.00
					7705.24
		Add 1% sundries, etc.			77.05
		Labour charges as per SD 1			6589.00
		Total			14371.29
		Rate per point = Rs. 14371.29/8	1796.41		
		Say Rs.	1796.00		
SD 15					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with MS accessories in flush with wall with 150mm x 100mm x 75mm MS switch box concealed type with 3mm thick hylum sheet cover for 15A 3 pin flush type non interlocking CS plug with continuous earth wire connection of 14 SWG TC wire and rnakng good of the concealed portion for concealed power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	3447.00
45	Metre	MS conduit pipe 19mm	32.30	Metre	1453.50
8	Nos.	Conduit bends 19mm	92.40	Dozen	61.60
4	Nos.	Conduit tees 19mm	88.60	Dozen	29.53
8	Nos.	MS box 150 x 100 x 75mm concealed type	60.25	Each	482.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
8	Nos.	Hylem sheet	9.45	Each	75.60
8	Nos.	5A/15A 3pin combined flush type wall socket only	54.00	Each	432.00
8	Nos.	15A flush type switch	56.00	Each	448.00
1.35	Kg.	14 SWG TC vvire	589.00	Kg.	795.15
1.25	Bags	Cement	298.00	Bag	372.50
5	Bags	Sand	83.25	Bag	416.25
					8013.13
		Add 1% sundries, etc.			80.13
		Labour charges as per SD 3			10559.00
		Total			18652.26
		Rate per point = Rs. 18652.26/8	2331.53		
		Say Rs.	2332.00		
SD 16					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper cable	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm	13.10	Metre	589.50
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2" x1" x3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	36.60	Gross	18.30
1	Gross	Brass screws 25mm	64.30	Gross	64.30
8	Nos.	PVC bends 16mm	3.00	Each	24.00
4	Nos.	PVC tees 16mm	13.20	Dozen	4.40
4	Nos.	5A SP switch flush type	192.60	Dozen	64.20
4	Nos.	Ceiling rose	13.70	Each	54.80
4	Nos.	PVC junction box	41.20	Dozen	13.73
4	Nos.	TW round blocks	5.58	Each	22.32
4	Nos.	TW switch box 100 x 100 x 63mm (MR)	14.70	Each	58.80
1	No.	TW junction box 150 x 150 x 63mm (MR)	21.20	Each	21.20
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
0.5	Litre	Quality paint	225.40	Litre	112.70
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
					3414.36
		Add 1% sundries, etc.			34.14
		Labour charges 2/3 of SD 1			4392.67
		Total			7841.17
		Rate per point = Rs. 7841.17/4	1960.29		
		Say Rs.	1960.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 17					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour for open PVC light point / fan point (for electronic regulator) (4 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm	13.10	Metre	589.50
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	36.60	Gross	18.30
1	Gross	Brass screws 25mm	64.30	Gross	64.30
8	Nos.	PVC bends 16mm	3.00	Each	24.00
4	Nos.	PVC tees 16mm	13.20	Dozen	4.40
4	Nos.	5A SP switch flush type	192.60	Dozen	64.20
4	Nos.	Ceiling rose	13.70	Each	54.80
4	Nos.	PVC junction box	41.20	Dozen	13.73
4	Nos.	TW round blocks	5.58	Each	22.32
4	Nos.	TW switch box 100 x 100 x 63mm	14.70	Each	58.80
1	No.	TW junction box 150 x 150 x 63mm	21.20	Each	21.20
0.5	Litre	Quality paint	225.40	Litre	112.70
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
					2619.21
		Add 1 % sundries, etc.			26.19
		Labour charges 8/9 of SD 16			3904.59
		Total			6550.00
		Rate per point = Rs. 6550/4	1637.50		
		Say Rs.	1638.00		
SD 18					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour for open PVC light point / fan point (for electronic regulator) (5 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm	13.10	Metre	589.50
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	36.60	Gross	18.30
1	Gross	Brass screws 25mm	64.30	Gross	64.30
10	Nos.	PVC bends 16mm	3.00	Each	30.00
5	Nos.	PVC tees 16mm	13.20	Dozen	5.50
5	Nos.	5A SP switch flush type	192.60	Dozen	80.25

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
5	Nos.	Ceiling rose	13.70	Each	68.50
5	Nos.	PVC junction box	41.20	Dozen	17.17
5	Nos.	TW round blocks	5.58	Each	27.90
5	Nos.	TW switch box 100 x 100 x 63mm	14.70	Each	73.50
1	No.	TW junction box 150 x 150 x 63mm	21.20	Each	21.20
0.5	Litre	Quality paint	225.40	Litre	112.70
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
					2679.78
		Add 1% sundries, etc.			26.80
		Labour charges as per SD 17			3904.59
		Total			6611.17
		Rate per point = Rs. 6611.17/5	1322.23		
		Say Rs.	1322.00		
SD 19					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box inflush with wall with 5A FT switch covered with hylum sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC light point / fan point (for electronic regulator)					
		From SD 16			3414.36
		LESS			
4	Nos.	TW switch box 100 x 100 x 63mm open type	14.70	Each	58.80
1	No.	TW Junction Box 150 x 150 x 63mm open type	21.20	Each	21.20
					80.00
					3334.36
		ADD			
4	Nos.	TW switch box 100 x 100 x 113mm flush type	15.10	Each	60.40
4	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	25.20
1	No.	TW connection box 150 x 150 x 113mm (flush type)	17.40	Each	17.40
1	No.	Hylem sheet 150 x 150 x 3mm	14.18	Each	14.18
					117.18
					3451.54
		Add 1% sundries, etc.			34.52
		Labour charges as per SD 16			4392.67
		Total			7878.72
		Rate per point = Rs. 7878.72/4	1969.68		
		Say Rs.	1970.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 20					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour for open PVC light point / fan point (for electronic regulator) (6 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm	13.10	Metre	589.50
150	Nos.	TW plugs 38mm x 25mm x19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	36.60	Gross	18.30
1	Gross	Brass screws 25mm	64.30	Gross	64.30
12	Nos.	PVC bends 16mm	3.00	Each	36.00
6	Nos.	PVC tees 16mm	13.20	Dozen	6.60
6	Nos.	5A SP switch flush type	192.60	Dozen	96.30
6	Nos.	Ceiling rose	13.70	Each	82.20
6	Nos.	PVC junction box	41.20	Dozen	20.60
6	Nos.	TW round blocks	5.58	Each	33.48
6	Nos.	TW switch box 100 x 100 x 63mm	14.70	Each	88.20
1	No.	TW junction box 150 x 150 x 63mm	21.20	Each	21.20
0.5	Litre	Quality paint	225.40	Litre	112.70
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
					2740.34
		Add 1% sundries, etc.			27.40
		Labour charges as per SD 17			3904.59
		Total			6672.33
		Rate per point = Rs. 6672.33/6	1112.06		
		Say Rs.	1112.00		
SD 21					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed single core copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch inflush with wall covered with hylem sheet of 3mm thick with painting of suitable colour for open PVC light point / fan point (for electronic regulator)					
		From SD 16			3414.36
		LESS			
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
4	Nos.	TW switch box 100 x 100 x 63mm open type	14.70	Each	58.80
1	No.	TW junction box 150 x 150 x 63mm open type	21.20	Each	21.20
					875.15
					2539.21
		ADD			
4	Nos.	TW switch box 100 x 100 x 113mm flush type	15.10	Each	60.40

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
4	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	25.20	
1	No.	TW junction box 150 x 150 x 113mm (flush type)	17.40	Each	17.40	
1	No.	Hytem sheet 150 x 150 x 3mm	14.18	Each	14.18	
						117.18
						2656.39
		Add 1% sundries, etc.				26.56
		Labour charges 8/9 of SD 16				3904.59
		Total				6587.54
		Rate per point = Rs. 6587.54/4	1646.89			
		Say Rs.	1647.00			
SD 22						
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed single core copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch inflush with wall covered with hylum sheet of 3mm thick with painting of suitable colour for open PVC light / fan point (for electronic regulator) (5 points per coil)						
		From SD 16				3414.36
		LESS				
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15	
4	Nos.	TW switch box 100 x 100 x 63mm open type	14.70	Each	58.80	
1	No.	TW junction box 150 x 150 x 63mm open type	21.20	Each	21.20	
						875.15
						2539.21
		ADD				
5	Nos.	TW switch box 100 x 100 x 113mm flush type	15.10	Each	75.50	
5	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	31.50	
2	Nos.	PVC bend 16mm	3.00	Each	6.00	
1	No.	PVC tee 16mm	13.20	Dozen	1.10	
1	No.	5A SP switch flush type	192.60	Dozen	16.05	
1	No.	Ceiling rose	13.70	Each	13.70	
1	No.	TW junction box 150 x 150 x 113mm (flush type)	17.40	Each	17.40	
1	No.	Hytem sheet 150 x 150 x 3mm	14.18	Each	14.18	
1	No.	TW round block	5.58	Each	5.58	
						181.01
						2720.22
		Add 1% sundries, etc.				27.20
		Labour charges as per SD 17				3904.59
		Total				6652.01
		Rate per point = Rs. 6652.01/5	1330.40			
		Say Rs.	1330.00			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 23					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch with continuous earth wire connection of 14 SWG TC wire for making good of the concealed portion with suitable colour for PVC concealed light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.10	Metre	589.50
8	Nos.	PVC bends 16mm	3.00	Each	24.00
4	Nos.	PVC tees 16mm	13.20	Dozen	4.40
4	Nos.	5A SP flush type switch	192.60	Dozen	64.20
4	Nos.	PVC junction box	41.20	Dozen	13.73
4	Nos.	Ceiling rose	13.70	Each	54.80
4	Nos.	TW round block	5.58	Each	22.32
4	Nos.	TW switch box (100 x 100 x 113mm)	15.10	Each	60.40
1	No.	Tw junction box 150 x 150 x 113mm flush type	17.40	Each	17.40
4	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	25.20
1	No.	Hylem sheet (150 x 150x 3mm)	14.18	Each	14.18
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
1.25	Bags	Cement	298.00	Bag	372.50
5	Bags	Sand	83.25	Bag	416.25
					3869.03
		Add 1% sundries, etc.			38.69
		Labour charges 2/3 of SD 3			7039.33
		Total			10947.05
		Rate per point = Rs. 10947.05/4	2736.76		
		Say Rs.	2737.00		
SD 24					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed single core copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires with TW switch box and 5A FT switch in flush with wall with 3mm thick hylum sheet cover for making good of the concealed portion with suitable colour for PVC concealed light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22/0.3) PVC insulated SC unsheathed copper conductor	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.10	Metre	589.50
8	Nos.	PVC bends 16mm	3.00	Each	24.00
4	Nos.	PVC tees 16mm	13.20	Dozen	4.40
4	Nos.	5A SP flush type switch	192.60	Dozen	64.20
4	Nos.	PVC junction box	41.20	Dozen	13.73
4	Nos.	Ceiling rose	13.70	Each	54.80
4	Nos.	TW round block	5.58	Each	22.32

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
4	Nos.	TW switch box (100 x 100 x 113mm)	15.10	Each	60.40
1	No.	TW junctionbox 150 x 150 x 113mm flush type	17.40	Each	17.40
4	Nos.	Hylem sheet 100 x 100x 3mm	6.30	Each	25.20
1	No.	Hylum sheet (150 x 150 x 3mm)	14.18	Each	14.18
1.25	Bag	Cement	298.00	Bag	372.50
5	Bags	Sand	83.25	Bag	416.25
					3073.88
		Add 1% sundries, etc.			30.74
		Labour charges 8/9 of SD 23			6257.19
		Total			9361.80
		Rate per point = Rs. 9361.8/4	2340.45		
		Say Rs.	2340.00		
SD 25					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch and making good of the concealed portion with suitable colour for PVC concealed light / fan Point (for electronic regulator) (5 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.10	Metre	589.50
10	Nos.	PVC bends 16mm	3.00	Each	30.00
5	Nos.	PVC tees 16mm	13.20	Dozen	5.50
5	Nos.	5A SP flush type switch	192.60	Dozen	80.25
5	Nos.	PVC junction box	41.20	Dozen	17.17
5	Nos.	Ceiling rose	13.70	Each	68.50
5	Nos.	TW round block	5.58	Each	27.90
5	Nos.	TW switch box (100 x 100 x 113mm) (SR)	15.10	Each	75.50
1	No.	TW junction box 150 x 150 x 113mm flush type	17.40	Each	17.40
5	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	31.50
1	No.	Hylem sheet (150 x 150 x 3 mm)	14.18	Each	14.18
1.25	Bags	Cement	298.00	Bag	372.50
5	Bags	Sand	83.25	Bag	416.25
					3141.14
		Add 1% sundries, etc.			31.41
		Labour charges as per SD 24			6257.19
		Total			9429.74
		Rate per point = Rs. 9429.74/5	1885.95		
		Say Rs.	1886.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 26					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch and making good of the concealed portion with suitable colour for PVC concealed light (6 points per coil) (for rooms like bath, toilet & pumproom, etc.)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.10	Metre	589.50
12	Nos.	PVC bends 16mm	3.00	Each	36.00
6	Nos.	PVC tees 16mm	13.20	Dozen	6.60
6	Nos.	5A SP flush type switch	192.60	Dozen	96.30
6	Nos.	PVC junction box	41.20	Dozen	20.60
6	Nos.	Ceiling rose	13.70	Each	82.20
6	Nos.	TW round block	5.58	Each	33.48
6	Nos.	TW switch box (100 x 100 x 113mm) (SR)	15.10	Each	90.60
1	No.	TW junction box 150 x 150 x 113mm flush type	17.40	Each	17.40
6	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	37.80
1	No.	Hylem sheet (150 x 150 x 3 mm)	14.18	Each	14.18
1.25	Bag	Cement	298.00	Bag	372.50
5	Bags	Sand	83.25	Bag	416.25
					3208.41
		Add 1% sundries, etc.			32.08
		Labour charges as per SD 24			6257.19
		Total			9497.67
		Rate per point = Rs. 9497.67/6	1582.95		
		Say Rs.	1583.00		
SD 27					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch (two way) with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC staircase light point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
30	Metre	PVC rigid pipe 19mm (3 / 4")	19.10	Metre	573.00
100	Nos.	TW Plugs 38mm x 25mm x 19mm	287.00	1000 Nos.	28.70
48	Nos.	Conduit saddles 19mm	39.00	Gross	13.00
96	Nos.	Brass screws 25mm	64.30	Gross	42.87
6	Nos.	PVC bends 19 mm	3.00	Each	18.00
3	Nos.	PVC tees 19 mm	15.30	Dozen	3.83
6	Nos.	5A flush type stair case switch	239.00	Dozen	119.50
3	Nos.	Ceiling rose	13.70	Each	41.10
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 63mm	14.70	Each	88.20
1	No.	TW junction box 150 x 150 x 63mm	21.20	Each	21.20
0.9	Kg.	14 SWG TC wire	589.00	Kg.	530.10

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
350	ML.	Quality paint	225.40	Litre	78.89
					3103.04
		Add 1% sundries, etc.			31.03
		Labour charges 2/3 of SD 4			4392.67
		Total			7526.73
		Rate per point = Rs. 7526.73/3	2508.91		
		Say Rs.	2509.00		
SD 28					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch (two way) with painting of suitable colour for open PVC staircase light point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
30	Metre	PVC rigid pipe 19mm (3 / 4")	19.10	Metre	573.00
100	Nos.	TW Plugs 38 mm x 25 mm x 19 mm	287.00	1000 Nos.	28.70
48	Nos.	conduit saddles 19mm	39.00	Gross	13.00
96	Nos.	Brass screws 25mm	64.30	Gross	42.87
6	Nos.	PVC bends 19mm	3.00	Each	18.00
3	Nos.	PVC tees 19mm	15.30	Dozen	3.83
6	Nos.	5A flush type staircase switch	239.00	Dozen	119.50
3	Nos.	Ceiling rose	13.70	Each	41.10
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 63mm	14.70	Each	88.20
1	No.	TW junction box. 150 x 150 x 63mm	21.20	Each	21.20
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
350	ML.	Quality paint	225.40	Litre	78.89
					2572.94
		Add 1% sundries, etc.			25.73
		Labour charges 8/9 of SD 16			3904.59
		Total			6503.26
		Rate per point = Rs. 6503.26/3	2167.75		
		Say Rs.	2168.00		
SD 29					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch (two way) in flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC staircase light point					
		From SD 27			3103.04
		LESS			
6	Nos.	TW switch box 100 x 100 x 63mm open type	14.70	Each	88.20

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
1	No.	TW Junction box 150 x 150 x 63mm open type	21.20	Each	21.20	
						109.40
		ADD				2993.64
6	Nos.	TW switch box flush type 100 x 100 x 113cm	15.10	Each	90.60	
6	Nos.	Hylem sheet (100 x 100 x 3mm)	6.30	Each	37.80	
6	Nos.	Concealing charges (MR)	13.55	Each	81.30	
1	No.	TW junction box 150 x 150 x 113mm flush type	17.40	Each	17.40	
1	No.	Hylem sheet 150 x 150 x 3mm	14.18	Each	14.18	
						241.28
						3234.91
		Add 1% sundries, etc.				32.35
		Labour charges as per SD 19				4392.67
		Total				7659.93
		Rate per point = Rs. 7659.93/3	2553.31			
		Say Rs	2553.00			
SD 30						
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch (two way) in flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour for open PVC staircase light point						
		From SD 28				2572.94
		LESS				
6	Nos.	TW switch box 100 x 100 x 63mm open type	14.70	Each	88.20	
1	No.	TW Junction box 150 x 150 x 63mm open type	21.20	Each	21.20	
						109.40
		ADD				2463.54
6	Nos.	TW switch box flush type 100 x 100 x 13cm	15.10	Each	90.60	
6	Nos.	Hylem sheet (100 x 100 x 3mm)	6.30	Each	37.80	
6	Nos.	Concealing charges (MR)	13.55	Each	81.30	
1	No.	TW Junction box 150 x 150 x 113 mm flush type	17.40	Each	17.40	
1	No.	Hylem sheet 150 x 150 x 3mm	14.18	Each	14.18	
						241.28
						2704.82
		Add 1% sundries, etc.				27.05
		Labour charges 8/9 of SD 16				3904.59
		Total				6636.46
		Rate per point = Rs. 6636.46/3	2212.15			
		Say Rs.	2212.00			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 31					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A FT switch (two way) with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed staircase light point					
90	Metre	1.5 sq. mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
30	Metre	PVC rigid pipe 19mm (3 / 4")	19.10	Metre	573.00
6	Nos.	PVC bends 19mm	3.00	Each	18.00
3	Nos.	PVC tees 19mm	15.30	Dozen	3.83
6	Nos.	5A flush type staircase switch	239.00	Dozen	119.50
3	Nos.	Ceiling rose	13.70	Each	41.10
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 113mm flush type	15.10	Each	90.60
6	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	37.80
1	No.	TW Junction box 150 x 150 x 113mm	17.40	Each	17.40
1	No.	Hylem sheet 150 x 150 x 3mm	14.18	Each	14.18
0.9	Kg.	14 SWG TC wire	589.00	Kg.	530.10
1	Bags	Cement	298.00	Bag	298.00
4	Bags	Sand	83.25	Bag	333.00
					3488.25
		Add 1% sundries, etc.			34.88
		Labour charges 2/3 of SD 6			4692.89
		Total			8216.01
		Rate per point = Rs. 8216.01/3	2738.67		
		Say Rs.	2739.00		
SD 32					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A FT switch (two way) and making good of the concealed portion with suitable colour for concealed staircase light point					
90	Metre	1.5 sq. mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	1395.00
30	Metre	PVC rigid pipe 19mm (3 / 4")	19.10	Metre	573.00
6	Nos.	PVC bends 19mm	3.00	Each	18.00
3	Nos.	PVC tees 19mm	15.30	Dozen	3.83
6	Nos.	5A flush type staircase switch	239.00	Dozen	119.50
3	Nos.	Ceiling rose	13.70	Each	41.10
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 113mm flush type	15.10	Each	90.60
6	Nos.	Hylem sheet 100 x 100 x 3mm	6.30	Each	37.80
1	No.	TW Junction box 150 x 150 x 113mm	17.40	Each	17.40
1	No.	Hylem sheet 150 x 150 x 3 mm	14.18	Each	14.18

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	Bag	Cement	298.00	Bag	298.00
4	Bags	Sand	83.25	Bag	333.00
					2958.15
		Add 1% sundries, etc.			29.58
		Labour charges 8/9 of SD 31			4171.46
		Total			7159.18
		Rate per point = Rs. 7159.18/3	2386.39		
		Say Rs.	2386.00		
SD 33					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and the ceiling with PVC accessories with suitable TW box to house the control switch and regulator with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC fan point (for rheostatic type fan regulator)					
		From SD 16 (PVC open light point)			3414.36
		LESS			
4	Nos.	TW switch box 100 x 100 x 63mm (MR)	14.70	Each	58.80
					3355.56
		ADD			
4	Nos.	TW switch box to house the control switch and fan regulator 31 x 20 x 6.30cm (MR)	71.70	Each	286.80
					3642.36
		Add 1 % sundries, etc.			36.42
		Labour charges as per SD 16			4392.67
		Total			8071.45
		Rate per point = Rs. 8071.45/4	2017.86		
		Say Rs.	2018.00		
SD 34					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with suitable TW box in flush with wall to house the control switch regulator and covered with 3mm thick hylem sheet with painting of suitable colour with continuous earth connection of 14 SWG TC wire for open PVC fan point (for rheostatic type fan regulator)					
		From SD 33			3642.36
		LESS			
4	Nos.	TW switch box 310mm x 200mm x 63mm	71.70	Each	286.80
1	No.	TW Junction box 150 x 150 x 63mm	21.20	Each	21.20
					308.00
					3334.36
		ADD			
4	Nos.	TW switch box 31 x 20cm (12" x 8" x 4-1/2") concealed type (MR)	71.20	Each	284.80

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
4	Nos.	Hylem sheet 31 x 20 x 3mm	39.05	Each	156.20	
1	No.	TW junction box 150 x 150 x 113mm concealed type (MR)	17.40	Each	17.40	
1	No.	Hylem sheet 150 x 150 x 3mm	14.18	Each	14.18	
						472.58
						3806.94
		Add 1% sundries, etc.				38.07
		Labour charges as per SD 16				4392.67
		Total				8237.68
		Rate per point = Rs. 8237.68/4	2059.42			
		Say Rs.	2059.00			
SD 35						
Wiring with 2 x 1.5 sq.mm (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and the ceiling with PVC accessories in flush with wall with suitable flush type TW switch box to house the control switch and regulator and covered with 3mm thick hylem sheet with continuous earth wire connection of 14 SWG TC wire making good of the concealed portion with suitable colour for concealed fan point (for rheostatic type fan regulator)						
		From SD 23 (PVC concealed light point)				3869.03
		LESS				
4	Nos.	TW switch box flush type (100mm x 100mm x 63mm)(MR)	15.20	Each	60.80	
4	Nos.	Hylem sheet	6.30	Each	25.20	
						86.00
						3783.03
		ADD				
4	Nos.	TW switch box (31 x 20cm) to house the switch & regulator concealed type	71.20	Each	284.80	
4	Nos.	Hylem sheet	39.05	Each	156.20	
						441.00
						4224.03
		Add 1% sundries, etc.				42.24
		Labour charges as per SD 25				6257.19
		Total				10523.46
		Rate per point = Rs. 10523.46/4	2630.87			
		Say Rs.	2631.00			
SD 36						
Wiring with 2 x 1.5 sq.mm (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150 x 100 x 113mm TW switch box for 5A 3 pin non inter locking Wall socket with 5A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC plug point						
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper cable	15.50	Metre		1395.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.10	Metre	589.50
150	Nos.	TW plugs 38mm x 25mm x 19mm	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	36.60	Gross	18.30
1	Gross	Brass screw 25mm	64.30	Gross	64.30
8	Nos.	PVC bends 16mm	3.00	Each	24.00
4	Nos.	PVC tees 16mm	13.20	Dozen	4.40
8	Nos.	TW switch box 150 x 100 x 113mm (MR)	18.60	Each	148.80
8	Nos.	5A 3 pin and 2 pin combined flush type wall socket	23.90	Each	191.20
8	Nos.	5A flush type switch	192.60	Dozen	128.40
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
0.5	Litre	Quality paint	225.40	Litre	112.70
					3647.71
		Add 1 % sundries, etc.			36.48
		Labour charges as per SD 19			4392.67
		Total			8076.85
		Rate per point = Rs. 8076.85/8	1009.61		
		Say Rs.	1010.00		
SD 37					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box in flush with wall with 3mm thick hylem sheet cover for 5A 3 pin non inter locking wall socket with 5A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC plug point					
		From SD 36			3647.71
		LESS			
8	Nos.	TW switch box open type 150mm x 100mm x 113mm (MR)	18.60	Each	148.80
					3498.91
		ADD			
8	Nos.	TW switch box flush type 150mm x 100mm x 113mm(MR)	17.20	Each	137.60
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.45	Each	75.60
8	Nos.	Labour for concealing	13.55	Each	108.40
					321.60
					3820.51
		Add 1 % sundries, etc.			38.21
		Labour charges as per SD 27			4392.67
		Total			8251.38
		Rate per point = Rs. 8251.38/8	1031.42		
		Say Rs.	1031.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 38					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 150mm x 100mm x 113mm TW switch box with 3mm thick hylem sheet cover for 5A 3 pin non inter locking wall socket with 5A flush type switch with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed PVC plug point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper cable	15.50	Metre	1395.00
45	Metre	PVC rigid pipe 16mm	13.10	Metre	589.50
8	Nos.	PVC bends 16mm	3.00	Each	24.00
4	Nos.	PVC tees 16mm	13.20	Dozen	4.40
8	Nos.	TW switch box 150 x 100 x 113mm (flush type) (MR)	17.20	Each	137.60
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.45	Each	75.60
8	Nos.	5A 3 pin and 2pin combined flush type wall socket	23.90	Each	191.20
8	Nos.	5A flush type switch	192.60	Dozen	128.40
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
1.25	Bags	Cement	298.00	Bag	372.50
5	Bags	Sand	83.25	Bag	416.25
					4129.60
		Add 1% sundries, etc.			41.30
		Labour charges 2/3 of SD 12 (2/3 x 9435)			7039.33
		Total			11210.23
		Rate per point = Rs. 11210.23/8	1401.28		
		Say Rs.	1401.00		
SD 39					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box for 15A 3 pin non inter locking wall socket with 15A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	3447.00
45	Metre	PVC rigid pipe 19mm	19.10	Metre	859.50
150	Nos.	TW plug 38mm x 25mm x 19 mm	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 19mm	39.00	Gross	19.50
1	Gross	Brass screws 25mm	64.30	Gross	64.30
8	Nos.	PVC bends 19mm	3.00	Each	24.00
4	Nos.	PVC tees 19mm	15.30	Dozen	5.10
8	Nos.	TW box 150mm x 100mm x 113mm	18.60	Each	148.80
8	Nos.	5A / 15A 3 pin combined flush type wall socket	54.00	Each	432.00
8	Nos.	15A flush type switch	56.00	Each	448.00
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
0.5	Litre	Quality paint	225.40	Litre	112.70
					6532.01
		Add 1% sundries, etc.			65.32
		Labour Charges 2/3 of SD 13			4392.67
		Total			10990.00
		Rate per point = Rs. 10990/8	1373.75		
		Say Rs.	1374.00		
SD 40					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 150mm x 100mm x 113mm TW switch box with 3mm thick hylem sheet for 15A 3 pin non inter locking wall socket with 15A flush type switch with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	3447.00
45	Metre	PVC rigid pipe 19mm	19.10	Metre	859.50
8	Nos.	PVC bends 19mm	3.00	Each	24.00
4	Nos.	PVC tees 19mm	15.30	Dozen	5.10
8	Nos.	TW switch box (flush type 150mm x 100mm x 113mm)(MR)	17.20	Each	137.60
8	Nos.	Hylem sheet (150mm x 100mm x 3mm)	9.45	Each	75.60
8	Nos.	5A / 15A 3 pin combined flush type wall socket	54.00	Each	432.00
8	Nos.	15A flush type switch	56.00	Each	448.00
1.35	Kg.	14 SWG TC wire	589.00	Kg.	795.15
1.25	Bags	Cement	298.00	Bag	372.50
5	Bags	Sand	83.25	Bag	416.25
					7012.70
		Add 1% sundries, etc.			70.13
		Labour charges 2/3 of SD 15			7039.33
		Total			14122.16
		Rate per point = Rs. 14122.16/8	1765.27		
		Say Rs.	1765.00		
SD 41					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box in flush with wall with 3mm thick hylem sheet cover for 15A 3 pin flush type non inter locking wall socket with 15A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC power plug point					
		From SD 39			6532.01
		LESS			
8	Nos.	TW switch box (150mm x 100mm x 113mm) open type	18.60	Each	148.80
					6383.21

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			
8	Nos.	TW switch box (150 x 100 x 113mm) concealed type	17.20	Each	137.60
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.45	Each	75.60
8	Nos.	Labour for concealing	13.55	Each	108.40
					321.60
					6704.81
		Add 1% sundries, etc.			67.05
		Labour charges as per SD 16			4392.67
		Total			11164.52
		Rate per point = Rs. 11164.52/8	1395.57		
		Say Rs.	1396.00		
SD 42					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	2790.00
90	Metre	MS conduit pipe 19mm	32.30	Metre	2907.00
300	Nos.	TW plug 38mm x 25mm x 50mm	28.70	100 Nos.	86.10
1	Gross	Conduit saddles 19mm	39.00	Gross	39.00
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
1	Litre	Quality paint	225.40	Litre	225.40
LS		Cement 1/6 Bags = Rs.298.00 / 6 = Rs.49.66 and Sand 1 Bag = Rs.83.25 = Total = Rs.132.91	132.91	LS	132.91
2	Gross	Brass screws (40mm) 1-1/2"	68.80	Gross	137.60
					7908.31
		Add 0.5% sundries, etc.			39.54
		Labour charges as per SD 1 x 1.5			9883.50
		Total			17831.35
		Rate per metre = Rs. 17831.35/90	198.13		
		Say Rs.	198.00		
SD 43					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	2790.00
90	Metre	Heavy gauge MS conduit pipe 19mm	32.30	Metre	2907.00
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
2.5	Bags	Cement	298.00	Bag	745.00
10	Bags	Sand	83.25	Bag	832.50
					8864.80
		Add 0.5% sundries, etc.			44.32

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Labour charges 1.5 x SD 15			15838.50
		Total			24747.62
		Rate per metre = Rs. 24747.62/90	274.97		
		Say Rs.	275.00		
SD 44					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 42			7908.31
		LESS			
180	Metre	1.5 sq.mm. PVC unsheathed SC copper cable	15.50	Metre	2790.00
					5118.31
		ADD			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	6894.00
					12012.31
		Add 1/2 % sundries, etc.			60.06
		Labour charges as per SD 42			9883.50
		Total			21955.87
		Rate per metre = Rs. 21955.87/90	243.95		
		Say Rs.	244.00		
SD 45					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 43			8864.80
		LESS			
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	2790.00
					6074.80
		ADD			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	6894.00
					12968.80
		Add 1/2% sundries, etc.			64.84
		Labour charges as per SD 43			15838.50
		Total			28872.14
		Rate per metre = Rs. 28872.14/90	320.80		
		Say Rs.	321.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 46					
Supply and run of 3 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
270	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	10341.00
90	Metre	MS heavy gauge conduit pipe 25mm	39.70	Metre	3573.00
300	Nos.	TW plug 38mm x 25mm x 50mm	0.29	Each	86.10
1	Gross	MS conduit saddles 25mm	45.80	Gross	45.80
2	Gross	Brass screws 40mm	68.80	Gross	137.60
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
1	Litre	Quality paint	225.40	Litre	225.40
LS		Cement 1/3 Bags = 298.00 / 3 = Rs.99.33 and Sand 2 Bag = Rs.166.50 = Total = Rs.265.83	265.83	LS	265.83
					16265.03
		Add 1/2% sundries, etc.			81.33
		Labour charges 1.5 x SD 13			9883.50
		Total			26229.86
		Rate per metre = Rs. 26229.86/90	291.44		
		Say Rs.	291.00		
SD 47					
Supply and run of 3 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour					
270	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	10341.00
90	Metre	Heavy gauge MS conduit pipe 25mm	39.70	Metre	3573.00
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
2.5	Bags	Cement	298.00	Bag	745.00
10	Bags	Sand	83.25	Bag	832.50
					17081.80
		Add 1/2% sundries, etc.			85.41
		Labour charges as per SD 43			15838.50
		Total			33005.71
		Rate per metre = Rs. 33005.71/90	366.73		
		Say Rs.	367.00		
SD 48					
Supply and run of 3 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable flexible conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		As per SD 46			16265.03

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
90	Metre	MS conduit pipe 25mm	39.70	Metre	3573.00
					12692.03
		ADD			
90	Metre	Flexible conduit pipe 25mm	21.15	Metre	1903.50
					14595.53
		Add 0.5% sundries, etc.			72.98
		Labour charges as per SD 42			9883.50
		Total			24552.01
		Rate per metre = Rs. 24552.01/90	272.80		
		Say Rs.	273.00		
SD 49					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 46			16265.03
		ADD			
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	3447.00
					19712.03
		Add 1/2% sundries, etc.			98.56
		Labour charges as per SD 48			9883.50
		Total			29694.09
		Rate per metre = Rs. 29694.09/90	329.93		
		Say Rs.	330.00		
SD 50					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 47			17081.80
		ADD			
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	3447.00
					20528.80
		Add 1/2% sundries, etc.			102.64
		Labour charges as per SD 43			15838.50
		Total			36469.94
		Rate per metre = Rs. 36469.94/90	405.22		
		Say Rs.	405.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 51					
Supply and run of 4 of 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 49			19712.03
		LESS			
360	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	13788.00
					5924.03
		ADD			
360	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	5580.00
					11504.03
		Add 1/2% sundries, etc.			57.52
		Labour charges as per SD 42			9883.50
		Total			21445.05
		Rate per metre = Rs. 21445.05/90	238.28		
		Say Rs.	238.00		
SD 52					
Supply and run of 4 of 6 sq.mm. (84 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 49			19712.03
		LESS			
360	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	13788.00
90	Metre	MS heavy gauge MS conduit pipe 25mm	39.70	Metre	3573.00
1	Gross	Conduit saddles 25mm	45.80	Gross	45.80
					17406.80
					2305.23
		ADD			
360	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	20412.00
90	Metre	32mm heavy gauge conduit pipe	52.20	Metre	4698.00
1	Gross	32mm MS conduit saddles	59.60	Gross	59.60
					25169.60
					27474.83
		Add 1/2% sundries, etc.			137.37
		Labour charges as per SD 42			9883.50
		Total			37495.70
		Rate per metre = Rs. 37495.7/90	416.62		
		Say Rs.	417.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 53					
Supply and run of 6 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
540	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	20682.00
90	Metre	Heavy gauge MS conduit pipe 38mm	61.50	Metre	5535.00
300	Nos.	TW plugs 38mm x 25mm x 50mm	0.29	Each	87.00
1	Gross	MS conduit saddles 38mm	73.20	Gross	73.20
2	Gross	Brass screws 40mm ("1-1/2 No.6")	68.80	Gross	137.60
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
1	Litre	Quality paint	225.40	Litre	225.40
LS		Cement 1/3 Bags = 298.00 / 3 = Rs.99.33 and Sand 2 Bag = Rs.166.50 = Total = Rs.265.83	265.83	LS	265.83
					28596.33
		Add 1/2% sundries, etc.			142.98
		Labour charges as per SD 42			9883.50
		Total			38622.81
		Rate per metre = Rs. 38622.81/90	429.14		
		Say Rs.	429.00		
SD 54					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection 14 SWG TC wire with painting of suitable colour					
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	2790.00
90	Metre	PVC rigid pipe 16mm (5/8")	13.10	Metre	1179.00
300	Nos.	TW plugs 38 x 25 x 50mm	0.29	Each	87.00
1	Gross	MS saddles 16mm	36.60	Gross	36.60
2	Gross	Brass screws 40mm ("1-1/2 No.6")	68.80	Gross	137.60
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
LS		Cement 1/3 Bags = 298.00 / 3 = Rs.99.33 and Sand 2 Bag = Rs.166.50 = Total = Rs.265.83	265.83	LS	265.83
					6086.33
		Add 1/2 % sundries, etc.			30.43
		Labour charges as per SD 1			6589.00
		Total			12705.76
		Rate per metre = Rs. 12705.76/90	141.18		
		Say Rs.	141.00		
SD 55					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
180	Metre	1.5 sq.mm (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	2790.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
90	Metre	PVC rigid pipe 16mm	13.10	Metre	1179.00
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
2.5	Bags	Cement	298.00	Bags	745.00
10	Bags	Sand	83.25	Bags	832.50
					7136.80
		Add 1/2% sundries, etc.			35.68
		Labour charges as per SD 3			10559.00
		Total			17731.48
		Rate per metre = Rs. 17731.48/90	197.02		
		Say Rs.	197.00		
SD 56					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 44			12012.31
		LESS			
90	Metre	MS conduit pipe 19mm	32.30	Metre	2907.00
					9105.31
		ADD			
90	Metre	PVC rigid pipe 19mm	19.10	Metre	1719.00
					10824.31
		Add 1/2% sundries, etc.			54.12
		Labour charges as per SD 1			6589.00
		Total			17467.43
		Rate per metre = Rs. 17467.43/90	194.08		
		Say Rs.	194.00		
SD 57					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 45			12968.80
		LESS			
90	Metre	MS conduit pipe 19mm	32.30	Metre	2907.00
					10061.80
		ADD			
90	Metre	PVC rigid pipe 19mm	19.10	Metre	1719.00
					11780.80
		Add 1/2% sundries, etc.			58.90
		Labour charges as per SD 3			10559.00
		Total			22398.70
		Rate per metre = Rs. 22398.7/90	248.87		
		Say Rs.	249.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 58					
Supply and run of 2 of 6 sq.mm. (84 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 56			10824.31
		LESS			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	6894.00
					3930.31
		ADD			
180	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	10206.00
					14136.31
		Add 1/2% sundries, etc.			70.68
		Labour charges as per SD 1			6589.00
		Total			20795.99
		Rate per metre = Rs. 20795.99/90	231.07		
		Say Rs.	231.00		
SD 59					
Supply and run of 2 of 6 sq.mm. (84 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 57			11780.80
		LESS			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	6894.00
					4886.80
		ADD			
180	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	10206.00
					15092.80
		Add 1/2% sundries, etc.			75.46
		Labour charges as per SD 3			10559.00
		Total			25727.26
		Rate per metre = Rs. 25727.26/90	285.86		
		Say Rs.	286.00		
SD 60					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 49			19712.03
		LESS			
90	Metre	Heavy gauge MS conduit pipe 25mm	39.70	Metre	3573.00
					16139.03

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			
90	Metre	PVC rigid pipe 25mm	28.40	Metre	2556.00
					18695.03
		Add 1/2% sundries, etc.			93.48
		Labour charges as per SD 1			6589.00
		Total			25377.51
		Rate per metre = Rs. 25377.51/90	281.97		
		Say Rs.	282.00		
SD 61					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 50			20528.80
		LESS			
90	Metre	Heavy gauge MS conduit pipe 25mm	39.70	Metre	3573.00
					16955.80
		ADD			
90	Metre	PVC rigid pipe 25mm	28.40	Metre	2556.00
					19511.80
		Add 1/2% sundries, etc.			97.56
		Labour charges as per SD 3			10559.00
		Total			30168.36
		Rate per metre = Rs. 30168.36/90	335.20		
		Say Rs.	335.00		
SD 62					
Supply and run of 4 of 6 sq.mm. (84 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth Wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 52			27474.83
		LESS			
90	Metre	Heavy gauge MS conduit pipe 32mm	52.20	Metre	4698.00
					22776.83
		ADD			
90	Metre	PVC rigid pipe 32mm	43.00	Metre	3870.00
					26646.83
		Add 1/2% sundries, etc.			133.23
		Labour charges as per SD 1			6589.00
		Total			33369.06
		Rate per metre = Rs. 33369.06/90	370.77		
		Say Rs.	371.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 63					
Supply and run of 4 of 6 sq.mm. (84 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour					
360	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	20412.00
2.7	Kg.	14 SWG TC wire	589.00	Kg.	1590.30
90	Metre	PVC rigid pipe 32mm	43.00	Metre	3870.00
2.5	Bags	Cement	298.00	Bags	745.00
10	Bags	Sand	83.25	Bags	832.50
					27449.80
		Add 1/2% sundries, etc.			137.25
		Labour charges as per SD 3			10559.00
		Total			38146.05
		Rate per metre = Rs. 38146.05/90	423.85		
		Say Rs.	424.00		
SD 64					
OVER HEAD MAINS					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade on 7/20 GI bearer wire for service connection mains					
180	Metre	1.5 sqmm (22/0.3) PVC insulated SC unsheathed copper conductor of 1100V grade	15.50	Metre	2790.00
4	Kg.s	7/20 stay wire (bearer wire)	94.90	Kg.	379.60
180	Nos.	Reel insulators	6.30	Dozen	94.50
1	Kg.	GI binding wire	94.90	Kg.	94.90
					3359.00
		Add 1% sundries, etc.			33.59
		Labour charges			3796.00
		Total			7188.59
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Wireman Grade-II	708.00	Each	1416.00
3	Nos.	Electrical Helper	556.00	Each	1668.00
					3796.00
		Rate per metre = Rs. 7188.59/90	79.87		
		Say Rs.	80.00		
SD 65					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V on 7 / 20 GI bearer wire for service connection mains					
		From SD 64			80.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
2	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	31.00
					49.00
		ADD			
2	Metre	4.0 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	76.60
		Total			125.60
		Rate per metre Rs.	125.60		
		Say Rs.	126.00		
SD 66					
Supply and run of 2 of 6 sq.mm. (84 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V on 7 / 20 GI bearer wire for service connection mains					
		From SD 65			125.60
		LESS			
2	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	76.60
					49.00
		ADD			
2	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	113.40
		Total			162.40
		Rate per metre Rs.	162.40		
		Say Rs.	162.00		
SD 67					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade on 7 / 20 GI bearer wire for service connection mains					
360	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	13788.00
360	Nos.	Reel insulators	6.30	Dozen	189.00
4	Kg.	7/20 GI wire	94.90	Kg.	379.60
2	Kg.	Binding wire	94.90	Kg.	189.80
					14546.40
		Add 1% sundries, etc.			145.46
		Labour charges As per SD 64 + 1 No. Electrical Helper (3796 + 556)			4352.00
		Total			19043.86
		Rate per metre = Rs. 19043.86/90	211.60		
		Say Rs.	212.00		
SD 68					
Supply and run of 4 x 6 sq.mm. (84 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V on 7 / 20 GI bearer wire for service connection mains					
		From SD 67			212.00
		LESS			
4	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	153.20
					58.80

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			
4	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	226.80
		Total			285.60
		Rate per metre Rs.	285.60		
		Say Rs.	286.00		
SD 69					
Supply and run of 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains					
16	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	248.00
8	Metre	25mm GI pipe (Class 'B')	128.00	Metre	1024.00
4	Metre	Angle iron (40 x 40x 6mm) (1 metre = 3.25 kg.)	51.40	Kg.	668.20
					1940.20
		Add 1% sundries, etc.			19.40
		Labour charges			2400.50
		Total			4360.10
		LABOUR DETAILS			
0.5	No.	Electrical Maistry	817.00	Each	408.50
1	No.	Wireman Grade-I	712.00	Each	712.00
1	No.	Electrical Helper	556.00	Each	556.00
1	No.	Plumber II Class	724.00	Each	724.00
					2400.50
		Rate per metre = Rs. 4360.1/8	545.01		
		Say Rs.	545.00		
SD 70					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains					
		From SD 69			545.00
		LESS			
2	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	31.00
					514.00
		ADD			
2	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	76.60
		Total			590.60
		Rate per metre Rs.	590.60		
		Say Rs.	591.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 71					
Supply and run of 2 of 6 sq.mm. (84/0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') bent at both ends with necessary angle iron up right and end supports for mains					
		From SD 69			545.00
		LESS			
2	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	15.50	Metre	31.00
					514.00
		ADD			
2	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	113.40
		Total			627.40
		Rate per metre Rs.	627.40		
		Say Rs.	627.00		
SD 72					
Supply and run of 4 of 4 sq.mm. (56/0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') bent at both ends with necessary angle iron up right and end supports for mains					
		From SD 70			591.00
		ADD			
2	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	76.60
		Total			667.60
		Rate per metre Rs.	667.60		
		Say Rs.	668.00		
SD 73					
Supply and run of 4 x 6 sq.mm. (84/0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in 32mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron up right and end supports for mains					
		From SD 72			668.00
		LESS			
4	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	38.30	Metre	153.20
1	Metre	25mm GI pipe (Class 'B')	128.00	Metre	128.00
					281.20
		ADD			386.80
4	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	56.70	Metre	226.80
1	Metre	32mm GI pipe (Class 'B')	151.40	Metre	151.40
					378.20
		Total			765.00
		Rate per metre Rs.	765.00		
		Say Rs.	765.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 74					
Supply and run of 1 of No.8 SWG GI wire for earth connection					
9.5	Kg.	No.8 SWG GI wire (90 metre)	94.90	Kg.	901.55
0.5	Kg.	U nails	21.10	Kg.	10.55
					912.10
		Add 1% sundries, etc.			9.12
		Labour charges			1264.00
		Total			2185.22
LABOUR DETAILS					
1	No.	Wireman Grade-II	708.00	Each	708.00
1	No.	Electrical Helper	556.00	Each	556.00
					1264.00
		Rate per metre = Rs. 2185.22/90	24.28		
		Say Rs.	24.00		
SD 75					
Supply and run of 2 of No.8 SWG GI wire for guarding with cradle with No.8 SWG GI wire at the equal interval of 1.5 metre					
19	Kg.	(180 Mtr) No.8 SWG GI wire	94.90	Kg.	1803.10
8.44	Kg.	(80 Mtr) No.8 SWG GI for cradle	94.90	Kg.	800.96
1.35	Kg.	(40 Mtr) No.8 SWG GI wire for binding	94.90	Kg.	128.12
					2732.17
		Add 1% sundries, etc.			27.32
		Labour charges			4769.00
		Total			7528.49
LABOUR DETAILS					
1	No.	Electrical Maistry	817.00	Each	817.00
2	Nos.	Wireman Grade-I	712.00	Each	1424.00
2	Nos.	Wireman Grade-II	708.00	Each	1416.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					4769.00
		Rate per metre = Rs. 7528.49/90	83.65		
		Say Rs.	84.00		
SD 76					
Supply and run of 25mm x 3mm tinned copper flat with necessary clamps / supports on wall / floor / ground for earth connection					
0.72	Kg.	25mm x 3mm copper flat (1 metre = 0.72 Kg.)	526.00	Kg.	378.72
1	No.	MS clamp supports(MR)	5.85	Each	5.85
					384.57
		ADD			
		2% sundries, etc.			7.69

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Labour charges			43.03
		Total			435.29
		Rate per metre Rs.	435.29		
		Say Rs.	435.00		
SD 77					
Supply and run of 25mm x 6mm tinned copper flat with necessary clamps / supports on wall / floor / ground for earth connection					
1.44	Kg.	25mm x 6mm copper flat (1 metre = 1.44 Kg.)	526.00	Kg.	757.44
1	No.	MS clamp supports(MR)	5.85	Each	5.85
					763.29
		ADD			
		2% sundries, etc.			15.27
		Labour charges			43.03
		Total			821.59
		Rate per metre Rs.	821.59		
		Say Rs.	822.00		
SD 78					
Coil earth to street light poles with No.8 SWG GI wire of 11.5 metres of length in which 10 metres of total length compressed in to a coil of one meter length (75mm to 100mm dia) connected suitable with hexagonal earth bolt of size 8mm in to 25mm welded on the pole at one end with a coil position fixed on the earth					
1.21	Kg.	Earthing coil of 11.5 Metre length of No.8 SWG GI wire [0.105 Kg. / metre]	94.90	Kg.	114.83
LS		Exavation and refilling charges (MR)	38.05	LS	38.05
LS		Sundries and such the hexagonal bolt, washer and nuts (MR)	6.15	LS	6.15
		Labour charges including welding charges	70.65		70.65
		Total			229.68
		Rate per set Rs.	229.68		
		Say Rs.	230.00		
SD 79					
Supply and fixing of fancy glass shade and 40W bulb for BH point					
1	No.	Battern holder (Bakelite)	16.50	Each	16.50
1	No.	Fancy glass shade (MR)	28.75	Each	28.75
1	No.	40W Bulb	9.40	Each	9.40
					54.65
		Add 2-1/2% sundries, etc.			1.37
		Labour charges (2528 / 20)			126.40
		Total			182.42
		LABOUR DETAILS			
2	Nos.	Wireman Grade-II	708.00	Each	1416.00

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
2	Nos.	Electrical Helper	556.00	Each	1112.00	
					2528.00	
		Rate per each Rs.	182.42			
		Say Rs	182.00			
SD 80						
Supply and fixing of fancy glass shade and 11W CFL for BH point						
1	No.	Battern holder (Bakelite)	16.50	Each		16.50
1	No.	Fancy glass shade (MR)	28.75	Each		28.75
1	No.	11W CFL	76.30	Each		76.30
						121.55
		Add 2-1/2% sundries, etc.				3.04
		Labour charges (2528 / 20)				126.40
		Total				250.99
		LABOUR DETAILS				
2	Nos.	Wireman Grade-II	708.00	Each	1416.00	
2	Nos.	Electrical Helper	556.00	Each	1112.00	
					2528.00	
		Rate per each Rs.	250.99			
		Say Rs.	251.00			
SD 81						
Supply and fixing of 300mm SL bracket with fancy glass shade and 40W bulb						
1	No.	300mm SL bracket (MR)	35.30	Each		35.30
1	No.	Fancy glass shade (MR)	28.75	Each		28.75
1	No.	40W Bulb	9.40	Each		9.40
						73.45
		Add 2-1/2% sundries, etc.				1.84
		Labour charges (3084 / 15)				205.60
		Total				280.89
		LABOUR DETAILS				
2	Nos.	Wireman Grade-II	708.00	Each	1416.00	
3	Nos.	Electrical Helper	556.00	Each	1668.00	
					3084.00	
		Rate per each Rs.	280.89			
		Say Rs.	281.00			
SD 82						
Supply and fixing of 230mm SL Bracket with fancy glass shade with 40W bulb						
		From SD 81				281.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	No.	300 mm SL bracket	35.30	Each	35.30
					245.70
		ADD			
1	No.	230 mm SL bracket	32.40	Each	32.40
		Total			278.10
		Rate per each Rs.	278.10		
		Say Rs.	278.00		
SD 83					
Supply and fixing of WT bulk head fitting with guard suitable for 11W CFL lamp with CFL					
1	No.	WT bulk head fitting for 11W CFL	274.90	Each	274.90
1	No.	11W CFL	76.30	Each	76.30
					351.20
		Add 5% sundries, etc.			17.56
		Labour charges as per SD 81			205.60
		Total			574.36
		Rate per each Rs.	574.36		
		Say Rs.	574.00		
SD 84					
Supply and fixing of WT bulk head fitting with guard suitable for incandescent lamp with 60W bulb					
1	No.	WT bulk head fitting for incandescent lamp	274.90	Each	274.90
1	No.	60W bulb	9.40	Each	9.40
					284.30
		Add 5% sundries, etc.			14.22
		Labour charges as per SD 81			205.60
		Total			504.12
		Rate per each Rs.	504.12		
		Say Rs.	504.00		
SD 85					
Supply and fixing of WT bulk head fitting suitable for incandescent lamp with guard and 100W bulb					
		From SD 84			504.00
		LESS			
1	No.	60W bulb	9.40	Each	9.40
					494.60
		ADD			
1	No.	100W bulb	9.40	Each	9.40
		Total			504.00
		Rate per each Rs.	504.00		
		Say Rs.	504.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 86					
Supply and fixing of ceiling fixture 250 / 300mm complete with gallery etc clear glass Opac / Crystal suitable for 40W / 60W bulb with bulb					
1	No.	Ceiling flxture (250 / 300mm) complete with gallery	162.40	Each	162.40
1	No.	40W / 60W bulb	9.40	Each	9.40
LS		Wood base	10.60	LS	10.60
					182.40
		Add 1% sundries, etc.			1.82
		Labour charges (3796 / 16)			237.25
		Total			421.47
LABOUR DETAILS					
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Wireman Grade-II	708.00	Each	1416.00
3	Nos.	Electrical Helper	556.00	Each	1668.00
					3796.00
		Rate per each Rs.	421.47		
		Say Rs.	421.00		
SD 87					
Supply and fixing of single box type 4'36W fluorescent fitting complete with electronic ballast with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting					
1	No.	Single box type 4'36W fluorescent fitting [(306.00 - (193.00 + 9.40 + 32.95)]	70.65	Each	70.65
1	No.	36W / 40W Electronic ballast	261.00	Each	261.00
1	No.	4'36W fluorescent tube	35.10	Each	35.10
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	9.80	Metre	9.80
					387.71
		Add 1% sundries, etc.			3.88
		Labour charges as per SD 86			237.25
		Total			628.84
		Rate per each Rs.	628.84		
		Say Rs.	629.00		
SD 88					
Supply and fixing of single box type 4'40W fluorescent fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed copper leads from terminals to the fitting					
1	No.	Single box type 4'40W fluorescent fitting	306.00	Each	306.00
1	No.	4'40W fluorescent tube	35.90	Each	35.90
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	9.80	Metre	9.80
					362.86

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Add 1% sundries, etc.			3.63
		Labour charges as per SD 86			237.25
		Total			603.74
		Rate per each Rs.	603.74		
		Say Rs.	604.00		
SD 89					
Supply and fixing of single box type 4'40W fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from the ceiling with PVC unsheathed copper leads from terminals to the fitting with tube					
1	No.	Single box type 4'40W fluorescent fitting complete	306.00	Each	306.00
1	No.	4'40W fluorescent tube	35.90	Each	35.90
2	Nos.	TW round block	5.58	Each	11.16
1.5	Metre	Conduit pipe 19mm	32.30	Metre	48.45
2	Nos.	Ball and socket with check nuts	12.70	Each	25.40
2	Metre	Connecting leads by 1 sq.mm. PVC copper wire	9.80	Metre	19.60
					446.51
		Add 1% sundries, etc.			4.47
		Labour charges as per SD 86 and taking 10 units per day (3796 / 10)			379.60
		Total			830.58
		Rate per each Rs.	830.58		
		Say Rs.	831.00		
SD 90					
Supply and fixing of 4'40W twin box type fluorescent fitting complete with copper choke and condensor with TW round block on wall or ceiling with tubes and PVC unsheathed copper leads from terminal to the fitting with fluorescent tubes					
1	No.	Twin box type 4'40W fluorescent fitting complete	574.00	Each	574.00
2	Nos.	4'40W fluorescent tube	35.90	Each	71.80
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	9.80	Metre	9.80
					666.76
		Add 1% sundries, etc.			6.67
		Labour charges as per SD 86			237.25
		Total			910.68
		Rate per each Rs.	910.68		
		Say Rs.	911.00		
SD 91					
Supply and fixing of 4'40W twin box type fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from ceiling with PVC unsheathed copper leads from terminals to the fitting with fluorescent Tubes					
1	No.	Twin box type 4'40W fluorescent fitting complete	574.00	Each	574.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
2	Nos.	4'40W fluorescent tube	35.90	Each	71.80
2	Nos.	TW round block	5.58	Each	11.16
1.5	Metre	MS conduit pipe 19mm	32.30	Metre	48.45
2	Nos.	Ball and socket with check nuts etc	12.70	Each	25.40
2	Metre	Connecting leads by 1 sq.mm. PVC copper wire	9.80	Metre	19.60
					750.41
		Add 1% sundries, etc.			7.50
		Labour charges as per SD 89			379.60
		Total			1137.51
		Rate per each Rs.	1137.51		
		Say Rs.	1138.00		
SD 92					
Supply and fixing of 4'40W single industrial type fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from the ceiling with PVC unsheathed copper leads from the terminals to the fitting with fluorescent Tube					
		From SD 89			831.00
		LESS			
1	No.	Single box type fitting	306.00	Each	306.00
					525.00
		ADD			
1	No.	Single industrial type 4'40W fluorescent fitting	847.00	Each	847.00
		Total			1372.00
		Rate per each Rs.	1372.00		
		Say Rs.	1372.00		
SD 93					
Supply and fixing of 4'40W twin industrial type fluorescent fitting complete copper choke and condensor with conduit pipe suspension from the ceiling with PVC unsheathed copper leads from the terminals to the fitting with fluorescent Tubes					
		From SD 91			1138.00
		LESS			
1	No.	Twin box type 4'40W fluorescent fitting	574.00	Each	574.00
					564.00
		ADD			
1	No.	Twin industrial type 4'40W fluorescent fitting	1040.00	Each	1040.00
		Total			1604.00
		Rate per each Rs.	1604.00		
		Say Rs.	1604.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 94					
Supply and fixing of 4'40W twin street light fluorescent fitting complete with copper choke and condensor with 19mm dia GI pipe (Class 'B') with 1 No. 19mm GI bend complete on the existing post / wall with 16A aerial fuse unit on MS plate with PVC unsheathed copper leads with MS clarnps and aluminium painting with fluorescent tubes					
1	No.	4'40W twin street light fitting	864.00	Each	864.00
2	Nos.	4'40W fluorescent tube	35.90	Each	71.80
1	Metre	19mm dia GI pipe (Class 'B')	98.60	Metre	98.60
1	Nos.	19mm dia GI bend	23.20	Each	23.20
5	Metre	1 sq.mm. PVC copper wire	9.80	Metre	49.00
1	No.	16A aerial fuse unit on suitable MS plate with bolts and nuts and painting	63.30	Each	63.30
2	Nos.	MS clamp set complete	21.85	Each	43.70
					1213.60
		Add: 1% sundries, etc.			12.14
		Labour charges (3952 / 5)			790.40
		Total			2016.14
		LABOUR DETAILS			
2	Nos.	Wireman Grade-I	712.00	Each	1424.00
2	Nos.	Wireman Grade-II	708.00	Each	1416.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					3952.00
		Rate per each Rs.	2016.14		
		Say Rs.	2016.00		
SD 95					
Supply and fixing of 4'40W twin street light fluorescent fitting complete with copper choke and condensor with 32mm dia GI pipe (Class 'B') with 1 No. 32mm GI bend complete on the existing post wall with 16A aerial fuse unit on MS plate with PVC unsheathed copper leads MS clamps and aluminium painting with fluorescent tubes					
1	No.	4'40W twin street light fitting	864.00	Each	864.00
2	Nos.	4'40W fluorescent tube	35.90	Each	71.80
1	Metre	32mm dia GI pipe (Class 'B')	151.40	Metre	151.40
2	Nos.	MS clamp set complete	21.85	Each	43.70
5	Metre	1 sq.mm copper wire	9.80	Metre	49.00
1	No.	16A aerial fuse unit on suitable MS plate with bolts and nuts and painting	63.30	Each	63.30
1	No.	32mm GI bend	69.80	Each	69.80
					1313.00
		Add 1% sundries, etc.			13.13
		Labour charges as per SD 94			790.40
		Total			2116.53
		Rate per each Rs.	2116.53		
		Say Rs.	2117.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 96					
Supply and fixing of 4'40W twin mirror optic suspension type fitting complete with louvers cover complete with copper choke and condensor with conduit pipe suspension with PVC unsheathed copper leads from the terminals to the fittings with fluorescent tubes					
1	No.	4'40W twin mirror optic suspension type fitting with louvers cover	2632.00	Each	2632.00
2	Nos.	4'40W fluorescent tube	35.90	Each	71.80
1.5	Metre	I9mm dia MS conduit pipe	32.30	Metre	48.45
2	Nos.	TW round blocks	5.58	Each	11.16
2	Nos.	Ball and socket with check nuts etc	12.70	Each	25.40
2	Metre	Connecting leads by 1 sq.mm. PVC copper wire	9.80	Metre	19.60
					2808.41
		Add 1% sundries, etc.			28.08
		Labour charges as per SD 89			379.60
		Total			3216.09
		Rate per each Rs.	3216.09		
		Say Rs.	3216.00		
SD 97					
Supply and fixing of 4'40W twin mirror optic recessed mounting type fitting complete with copper chokes and condensor with louvers cover on wall or ceiling with PVC unsheathed leads from terminals to the fitting with fluorescent tubes					
1	No.	4'40W twin mirror optic recessed mounting fitting	1930.00	Each	1930.00
2	Nos.	4'40W fluorescent tube	35.90	Each	71.80
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	9.80	Metre	9.80
					2022.76
		Add 1% sundries, etc.			20.23
		Labour charges as per SD 86			237.25
		Total			2280.24
		Rate per each Rs.	2280.24		
		Say Rs.	2280.00		
SD 98					
Supply and fixing of 65mm dia GI pipe (Class 'B') of 4 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom and with concreting and construction on masonry pedestal with MS box of 30cm x 20cm x 10cm with angle iron frame work with door with lock and key arrangements and with supply and fixing of post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories with complete set with spherical / ribbed / conical acrylic cover suitable for 125W MV lamp with supply and fixing of 1 No. 125W MV lamp and with supply and fixing of 16A fuse unit (500V), 5A SP switch inside the MS box and painting with suitable colour					
4	Metre	65mm dia GI pipe (Class 'B')	244.40	Metre	977.60
1	No.	300mm x 300mm x 6mm base plate with duly welding (MR)	223.20	Each	223.20
1	No.	Concreting and masonry work for fixing the post MS box	988.20	Each	988.20

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	MS box of 30cm x 20cm x 10cm with angle iron frame work for housing the condensor, choke fuse unit SP switch with lock and key arrangements	313.60	Each	313.60
1	No.	16A fuse unit (500V)	47.65	Each	47.65
1	No.	5A SP switch	192.60	Dozen	16.05
1	No.	Post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories (spherical / ribbed / conical acrylic cover) suitable for 125W MV lamps of with bulb (3110 + 173.70)	3283.70	Each	3283.70
1	No.	TW plank for 5A switch and fuse unit	15.60	Each	15.60
8	Metre	1 sq.mm. PVC copper wire	9.80	Metre	78.40
					5944.00
		Add 1% sundries, etc.			59.44
		Labour charges			2884.00
		Total			8887.44
		LABOUR DETAILS			
0.5	Nos.	Wireman Grade-I	712.00	Each	356.00
2	Nos.	Wireman Grade-I	708.00	Each	1416.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					2884.00
		Rate per each Rs.	8887.44		
		Say Rs.	8887.00		
SD 99					
Supply and fixing of 65mm dia GI pipe (Class 'B') of 4 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom and with concreting and construction on masonry pedestal with MS box of 30cm x 20cm x 10cm with angle iron frame work with door with lock and key arrangements and with supply and fixing of post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories with complete set with spherical / ribbed / conical acrylic cover suitable for 70W SV lamp with supply and fixing of 1 No. 70W SV lamp and with supply and fixing of 16A fuse unit, (500V), 5A SP switch inside the MS box and painting with suitable colour					
		From SD 98			5944.00
		LESS			
1	No.	Post top lantern fitting (integral type) with copper choke and condensor and accessories suitable for 125W MV lamp	3283.70	Each	3283.70
					2660.30
		ADD			
1	No.	Post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories suitable for 70W SV lamp fitting (spherical / ribbed / conical acrylic cover) with lamp (3278+429)	3707.00	Each	3707.00
					6367.30

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Add 1% sundries, etc.			63.67
		Labour Charges as per SD 98			2884.00
		Total			9314.97
		Rate per each Rs.	9314.97		
		Say Rs.	9315.00		
SD 100					
Supply and fixing of 65mm dia GI pipe (Class 'B') 4 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom with concreting and construction of masonry pedestal with MS box of 30cm x 20cm x 10cm with angle iron frame work with door and lock and key arrangements with supply and fixing of Post top lantern fitting with SC holder with complete set suitable for 160W blended lamp with supply and fixing of 1No. 160W blended lamp and with supply and fixing of 1No. 16A fuse unit (500V) and 5A SP switch inside the MS box with PVC unsheathed leads and painting of suitable colour					
		From SD 98			5944.00
		LESS			
1	No.	Post top lantern fitting of integral type with choke and condensor and accessories suitable for 125W MV lamp (3110 + 173.70)	3283.70	Each	3283.70
					2660.30
		ADD			
1	No.	Post top lantern fitting with SC holder suitable for 160W blended lamp (1790 + 230.30)	2020.30	Each	2020.30
					4680.60
		Add 1% sundries, etc.			46.81
		Labour charges as per SD 98			2884.00
		Total			7611.41
		Rate per each Rs.	7611.41		
		Say Rs.	7611.00		
SD 101					
Supply and fixing of 65mm (2-1/2") GI pipe (Class 'B') of 6 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom with concreting with construction of masonry pedestal with suitable MS box to house 5A control switch 16A fuse unit (500V) etc with suitable angle iron frame work with door and with lock and key arrangements and with supply and fixing of 4'40W twin street light fluorescent fitting with copper chokes and condenser with fluorescent tubes with 1 metre of 32mm dia GI pipe (Class 'B') complete with necessary clamps on the above post with PVC unsheathed leads with painting of suitable colour					
6	Metre	65mm dia GI pipe (Class 'B')	244.40	Metre	1466.40
1	Metre	32mm dia GI pipe (Class 'B')	151.40	Metre	151.40
1	No.	Concreting and masonry work for fixing the post and MS box	988.20	Each	988.20
1	No.	32mm GI bend	69.80	Each	69.80

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	4'40W twin street light fitting complete with choke and condenser	864.00	Each	864.00
2	Nos.	4'40W fluorescent tube	35.90	Each	71.80
1	No.	300mm x 300mm x 6mm MS base plate with duly welding (MR)	223.20	Each	223.20
1	No.	16A fuse unit (500V)	47.65	Each	47.65
1	No.	5A SP switch F/T	192.60	Dozen	16.05
15	Metre	1 sq.mm. PVC unsheathed copper cable	9.80	Metre	147.00
1	No.	TW plank for 5A SP switch and fuse unit	15.60	Each	15.60
1	No.	MS box with lock and key arrangements.	313.60	Each	313.60
					4374.70
		Add 1% sundries, etc.			43.75
		Labour charges as per SD 98			2884.00
		Total			7302.45
		Rate per each Rs.	7302.45		
		Say Rs.	7302.00		
SD 102					
Same as SD 101. But with supply and fixing of 4'40W single fluorescent street light fitting with copper choke and condensor complete with fluorescent tube					
		From SD 101			7302.00
		LESS			
1	No.	Twin street light fitting	864.00	Each	864.00
2	Nos.	Tube	35.90	Each	71.80
					935.80
		ADD			6366.20
1	No.	Single street light fitting	642.00	Each	642.00
1	No.	4'40W tube	35.90	Each	35.90
		Total			7044.10
		Rate per each Rs.	7044.10		
		Say Rs.	7044.00		
SD 103					
Supply and fixing of 1000W automatic electric water heater of 25 litres capacity suitable for 230V 50 c/s AC supply on suitable MS clamps with 3 core flex wire, but without plumbing work					
1	No.	25 litres capacity water heater complete suitable for 230V 50 c/s AC supply	5713.00	Each	5713.00
LS		Clamps screws etc	38.35	LS	38.35
					5751.35
		Add 0.5% sundries, etc.			28.76

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Labour charges			1264.00
		Total			7044.11
		LABOUR DETAILS			
1	No.	Wireman Grade-II	708.00	Each	708.00
1	No.	Electrical Helper	556.00	Each	556.00
					1264.00
		Rate per each Rs.	7044.11		
		Say Rs.	7044.00		
SD 104					
Supply and fixing of 1500W automatic electric water heater of 35 litres capacity suitable for 230V 50 c/s AC supply on suitable MS clamps with 3 core flex wire but without plumbing connection					
		From SD 103			5751.35
		LESS			
1	No.	1000 Watts 25 litres capacity water heater	5713.00	Each	5713.00
					38.35
		ADD			
1	No.	1500W suitable 35 litres capacity water heater complete suitable for 230V, 50 c/s AC supply	6618.00	Each	6618.00
					6656.35
		Add (0.50% sundries, etc.: Rs.33.28 + Labour charges: Rs.1,264.00)			1297.28
		Total			7953.63
		Rate per each Rs.	7953.63		
		Say Rs	7954.00		
SD 105					
Supply and fixing of AC / DC 76mm buzzer / call bell suitable for 230 volts 50 c/s single phase AC supply on suitable TW board with push switch					
1	No.	AC / DC 76mm (3") buzzer / call bell	41.30	Each	41.30
1	No.	Push switch	16.50	Each	16.50
1	No.	100mm x 100mm x 63mm TW board concealed type	15.10	Each	15.10
1	No.	TW round block	5.58	Each	5.58
					78.48
		Add 1% sundries, etc.			0.78
		Labour charges			178.00
		Total			257.26
		LABOUR DETAILS			
0.25	No.	Wireman Grade-I	712.00	Each	178.00
		Rate per each Rs.	257.26		
		Say Rs.	257.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 106					
Supply and fixing of 1200mm (48") sweep AC ceiling fan complete with stepped electronic 300W regulator with 1 metre down rod with fan clamp with side plates and cross arm of size 450mm (18")					
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator (1265 + 215.40)	1480.40	Each	1480.40
0.7	Metre	19mm (3/4") dia steam pipe	52.30	Metre	36.61
1	No.	Fan clamp with side plate and 45cm cross arm (18")	109.80	Each	109.80
3	Metre	1 sq.mm. PVC copper cable	9.80	Metre	29.40
					1656.21
		Add 1/2% sundries, etc.			8.28
		Labour charges (2532 / 4)			633.00
		Total			2297.49
LABOUR DETAILS					
1	No.	Wireman Grade-I	712.00	Each	712.00
1	No.	Wireman Grade-II	708.00	Each	708.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					2532.00
		Rate per each Rs.	2297.49		
		Say Rs.	2297.00		
SD 107					
Supply and fixing of 1200mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 1 meter down rod on the existing clamp					
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator	1480.40	Each	1480.40
0.7	Metre	19mm dia steam pipe	52.30	Metre	36.61
3	Metre	1 sq.mm. PVC copper cable	9.80	Metre	29.40
					1546.41
		Add 1/2% sundries, etc.			7.73
		Labour charges as per SD 98 (2884 / 5)			576.80
		Total			2130.94
		Rate per each Rs.	2130.94		
		Say Rs.	2131.00		
SD 108					
Supply and fixing of 1400mm sweep (56") AC ceiling fan complete with stepped electronic 300W regulator with 1 metre down rod including fan clamp with side plates and cross arm of size 450mm					
		From SD 106			2297.00
		LESS			
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator (1265 + 215.40)	1480.40	Each	1480.40
					816.60

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			
1	No.	1400mm (56") AC Ceiling fan with stepped electronic 300W regulator (1357.00 + 215.40)	1572.40	Each	1572.40
		Total			2389.00
		Rate per each Rs.	2389.00		
		Say Rs.	2389.00		
SD 109					
Supply and fixing of 1400mm sweep (56") AC ceiling fan complete with stepped electronic 300W regulator with 1 metre down rod on the existing clamp					
		From SD 107			2131.00
		LESS			
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator	1480.40	Each	1480.40
					650.60
		ADD			
1	No.	1400mm (56") AC Ceiling fan with stepped electronic 300W regulator	1572.40	Each	1572.40
		Total			2223.00
		Rate per each Rs.	2223.00		
		Say Rs.	2223.00		
SD 110					
Supply and fixing of 1200mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 300mm down rod on the existing clamp					
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator (1265 + 215.40)	1480.40	Each	1480.40
1	Metre	1 sq.mm. PVC copper cable	9.80	Metre	9.80
					1490.20
		Add 1/2% sundries, etc.			7.45
		Labour charges as per SD 107			576.80
		Total			2074.45
		Rate per each Rs.	2074.45		
		Say Rs.	2074.00		
SD 111					
Supply and fixing of 1400mm (56") sweep AC ceiling fan complete with stepped electronic regulator with 300mm down rod on the existing clamp					
		FROM SD 110			2074.00
		LESS			
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator	1480.40	Each	1480.40
					593.60

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			
1	No.	1400mm (56") AC Ceiling fan with stepped electronic 300W Regulator	1572.40	Each	1572.40
		Total			2166.00
		Rate per each Rs.	2166.00		
		Say Rs.	2166.00		
SD 112					
Supply and fixing of 1200mm sweep AC ceiling fan complete with stepped electronic 300W regulator with the existing down rod on the existing clamps					
		From SD 110			2074.00
		LESS			
0.3	Metre	19mm dia steam pipe	52.30	Metre	15.69
		Total			2058.31
		Rate per each Rs.	2058.31		
		Say Rs	2058.00		
SD 113					
Supply and fixing 1400mm (56") sweep AC ceiling fan complete with stepped electronic 300W regulator with the existing down rod on the existing clamps					
		From SD 111			2166.00
		LESS			
0.3	Metre	19mm dia steam pipe	52.30	Metre	15.69
					2150.31
		Total			
		Rate per each Rs.	2150.31		
		Say Rs.	2150.00		
SD 114					
Supply and fixing of 300mm (12") sweep (light duty) AC exhaust fan complete with necessary wall opening and making good of the wall					
1	No.	Exhaust fan of 300mm (12") sweep (light duty) complete	1340.00	Each	1340.00
1	No.	Provision of hole in the wall and making good of the wall	306.90	Each	306.90
LS		Clamp fixing by coche screws, bolts and nuts including connecting leads	28.25	LS	28.25
					1675.15
		Add 1% sundries, etc.			16.75
		Labour charges (1824 / 4)			456.00
		Total			2147.90

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					1824.00
		Rate per each Rs.	2147.90		
		Say Rs.	2148.00		
SD 115					
Supply and fixing of 300mm (12") sweep (light duty) AC exhaust fan complete without provision of hole in the wall					
		From SD 114			1675.15
		LESS			
1	No.	Provision of hole in the wall	306.90	Each	306.90
					1368.25
		Add 1% sundries, etc.			13.68
		Labour charges as per SD 114			456.00
		Total			1837.93
		Rate per each Rs.	1837.93		
		Say Rs.	1838.00		
SD 116					
Supply and fixing of 375mm (15") sweep (light duty) AC exhaust fan complete with necessary wall opening and making of the wall					
		From SD 114			2148.00
		LESS			
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1340.00	Each	1340.00
					808.00
		ADD			
1	No.	Exhaust fan of 375mm (15") sweep (light duty)	1382.00	Each	1382.00
		Total			2190.00
		Rate per each Rs.	2190.00		
		Say Rs.	2190.00		
SD 117					
Supply and fixing of 375mm (15") sweep (light duty) AC exhaust fan complete without provision of holes in the wall					
		From SD 115			1838.00
		LESS			
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1340.00	Each	1340.00
					498.00
		ADD			
1	No.	Exhaust fan of 375mm (15") sweep (light duty)	1382.00	Each	1382.00
		Total			1880.00
		Rate per each Rs.	1880.00		
		Say Rs.	1880.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 118					
Supply and fixing of 450mm (18") sweep (light duty) AC exhaust fan complete with necessary wall opening and making good of the wall					
		From SD 114			2148.00
		LESS			
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1340.00	Each	1340.00
					808.00
		ADD			
1	No.	Exhaust fan of 450mm (18") sweep (light duty)	1945.00	Each	1945.00
		Total			2753.00
		Rate per each Rs.	2753.00		
		Say Rs.	2753.00		
SD 119					
Supply and fixing of 450mm (18") sweep (light duty) AC dxhaust fan complete without provision of hole in the wall					
		From SD 115			1838.00
		LESS			
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1340.00	Each	1340.00
					498.00
		ADD			
1	No.	Exhaust fan of 450mm (18") sweep (light duty)	1945.00	Each	1945.00
		Total			2443.00
		Rate per each Rs.	2443.00		
		Say Rs.	2443.00		
SD 120					
Supply and fixing of louvers shutters arrangements for 300mm (12") sweep (light duty) AC exhaust fan					
1	No.	Louvers shutter arrangements for 300mm AC exhaust fan	220.70	Each	220.70
		Add 5% sundries, etc.			11.04
		Labour charges for fixing (1112 / 5)			222.40
		Total			454.14
		LABOUR DETAILS			
2	Nos.	Electrical Helper	556.00	Each	1112.00
		Rate per each Rs.	454.14		
		Say Rs.	454.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 121					
Supply and fixing of louvers shutters arrangements for 375mm (15") sweep light duty AC Exhaust fan					
1	No.	Louvers shutter arrangements for 375mm (15") AC exhaust fan (light duty)	223.90	Each	223.90
		Add 5% sundries, etc.			11.20
		Labour charges as per SD 120			222.40
		Total			457.50
		Rate per each Rs.	457.50		
		Say Rs.	458.00		
SD 122					
Supply and fixing of light trap arrangements for 300mm (12") sweep (light duty) AC exhaust fan					
1	No.	Light trap arrangements for 300mm (12") sweep (light duty) AC exhaust fan	393.90	Each	393.90
		Sundries such as bolts, nuts, etc.			10.90
		Labour charges as per SD 120			222.40
		Total			627.20
		Rate per each Rs.	627.20		
		Say Rs.	627.00		
SD 123					
Supply and fixing of light trap arrangements for 450mm (18") sweep exhaust fan					
1	No.	Light trap arrangements for 450mm AC exhaust fan	475.30	Each	475.30
		Sundries such as bolts, nuts, etc.			10.90
		Labour charges as per SD 120			222.40
		Total			708.60
		Rate per each Rs.	708.60		
		Say Rs.	709.00		
SD 124					
Supply and fixing of 5A or 10A or 20A AC single phase 230V, 50 Hz Watt hour metre on suitable TW box complete with earth connections					
1	No.	5A or 10A, AC 50 cls single phase watthour meter	954.00	Each	954.00
LS		Earth connection	24.00	LS	24.00
1	No.	TW board 30cm x 20cm x 6.30cm	58.80	Each	58.80
					1036.80
		Add 1% sundries, etc.			10.37
		Labour charges (2836 / 10)			283.60
		Total			1330.77
LABOUR DETAILS					
1	No.	Wireman Grade-I	712.00	Each	712.00
3	Nos.	Wireman Grade-II	708.00	Each	2124.00
					2836.00
		Rate per each Rs.	1330.77		
		Say Rs.	1331.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 125					
Supply and fixing of TNEB meter board suitable for 32A single phase service connection with 32A fuse unit (500V) 32A neutral link and earth link (1" x 1/8" copper flat) on TW plank of size 375mm x 300mm x 19mm with supporting TW reepers of 1" thick an either side with painting with suitable bolt and nuts for fixing the TW plank on wall with earth connection and inter connection with 7/20 PVC insulated copper wire from EB meter to fuse unit					
1	No.	TW plank of size 375mm x 300mm x 19mm with supporting reepers of 1" thick on both side with painting and with bolt, nut and washer	237.70	Each	237.70
1	No.	32A fuse unit (500V)	84.40	Each	84.40
1	No.	32A neutral link	37.65	Each	37.65
1	No.	Earth link (1" x 1/8") copper flat	26.80	Each	26.80
LS		Earth connection as per SD 74	24.00	LS	24.00
2.5	Metre	Inter connection with 7/20 PVC insulated copper wire	56.70	Metre	141.75
					552.30
		Add 1% sundries, etc.			5.52
		Labour charges as per SD 124			283.60
		Total			841.42
		Rate per each Rs.	841.42		
		Say Rs	841.00		
SD 126					
Supply and fixing of 10A 400V, 50 Hz 3 phase 4 wire watt hour meter on suitable TW box with earth connection					
1	No.	10A 3 Phase 400V, 50 Hz watt hour meter	1968.00	Each	1968.00
1	No.	TW box 40cm x 30cm x 6cm (16" x 12' x 2-1/2")	152.10	Each	152.10
LS		Earth connection	24.00	LS	24.00
					2144.10
		Add 1% sundries, etc.			21.44
		Labour charges as per SD 124			283.60
		Total			2449.14
		Rate per each Rs.	2449.14		
		Say Rs	2449.00		
SD 127					
Supply and fixing of TNEB meter board suitable for 32A three phase service connection with 3 Nos. 32A fuse unit (500V) 32A neutral link and earth link (1" x 1/8" copper flat) on TW plank of size 600mm x 450mm x 19mm with supporting TW reepers of 1" thick an either side with painting with suitable bolt and nuts for fixing the TW plank on wall with earth connection and inter connection with 7/20 PVC insulated copper wire from EB meter to fuse unit					
1	No.	TW plank of size 600mm x 450mm x 19mm with supporting reepers of 1" thick on both side with painting and with bolt, nut and washer	497.00	Each	497.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
3	Nos.	32A fuse unit (500V)	84.40	Each	253.20
1	No.	32A neutral link	37.65	Each	37.65
1	No.	Earth link (1" x 1/8") copper flat	26.80	Each	26.80
LS		Earth connection	24.00	LS	24.00
8	Metre	Inter connection with 7/20 PVC insulated copper wire	56.70	Metre	453.60
					1292.25
		Add 1% sundries, etc.			12.92
		Labour charges as per SD 124 (Rs.283.60 x 2)			567.20
		Total			1872.37
		Rate per each Rs.	1872.37		
		Say Rs	1872.00		
SD 128					
Supply and fixing of 15A aerial fuse unit (500A) on suitable 100 x 100mm TW concealed box with hylem sheet on the tapping pole with necessary clamps					
1	No.	16A aerial fuse unit (500A)	47.65	Each	47.65
1	No.	100 x 100mm TW concealed box	13.80	Each	13.80
1	No.	Hylem sheet of 100mm x 100mm x 3mm	6.30	Each	6.30
LS		Tapping pole (clamping and fittings)	5.05	LS	5.05
					72.80
		Add 2% sundries, etc.			1.46
		Labour charges (712 / 4)			178.00
		Total			252.26
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
		Rate per each Rs.	252.26		
		Say Rs.	252.00		
SD 129					
Supply and fixing of TNEB meter board suitable for 3 phase 63A service connection made up of suitable angle iron frame work of size 2 feet x 1-1/2 feet using angle iron of size 1-1/2" x 1-1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 2 feet x 1/2 feet of 6mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos. 63A fuse units (500V), 1 No. neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 16 Sq.mm PVC insulated copper wire with earth connection complete					
9.75	Kg.	Angle iron frame work of size 1-1/2" x 1-1/2" x 1/4" (1 metre = 3.25 Kg.)	51.40	Kg.	501.15
0.28	sqm.	Hylem sheet of 6mm thickness	1260.00	sqm.	352.80
3	Nos.	63A fuse Unit (500V)	188.40	Each	565.20
1	No	63A neutral link (MR)	67.15	Each	67.15

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
0.22	Kg.	1" x 1/4" copper flat (1Mtr = 1.44 Kg)	526.00	Kg.	115.72
6	Metre	16 sq.mm PVC insulated copper wire	139.50	Metre	837.00
					2439.02
		Add 2% sundries such as bolts, nuts, cement, sand etc			48.78
		Labour charges			1824.00
		Total			4311.80
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					1824.00
		Rate per each Rs.	4311.80		
		Say Rs.	4312.00		
SD 130					
Supply and fixng of TNEB meter board suitable for 3 phase 100A service connection made up of suitable angle iron frame work of size 2 feet x 1-1/2 feet using angle iron of size 1-1/2" x 1-1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 2 feet x 1-1/2 feet of 12mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos. 100A fuse units (500V), 1 No. neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 16 Sq.mm PVC insulated copper wire with earth connection complete					
9.75	Metre	Angle iron frame work of size 1-1/2" x 1-1/2" x 1/4" (1 metre = 3.25 Kg.)	51.40	Kg.	501.15
0.28	sqm.	Hylem sheet of 12mm thickness	2520.00	sqm.	705.60
3	Nos.	100A fuse Unit (500V)	340.30	Each	1020.90
1	No.	100A neutral link (MR)	76.85	Each	76.85
0.22	Kg.	1" x 1/4" copper flat (1Mtr = 1.44 Kg)	526.00	Kg.	115.72
6	Metre	16 sq.mm PVC insulated copper wire	139.50	Metre	837.00
					3257.22
		Add 2% sundries such as bolts, nuts, cement, sand etc.			65.14
		Labour charges as per SD 129			1824.00
		Total			5146.36
		Rate per each Rs.	5146.36		
		Say Rs.	5146.00		
SD 131					
Supply and fixng of TNEB meter board suitable for 3 phase 200A service connection made up of suitable angle iron frame work of size 3 feet x 2 feet using angle iron of size 1-1/2" x 1-1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 3 feet x 2 feet of 12mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos. 200A fuse units (500V), 1 No. neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 19/16 PVC insulated copper wire with earth connection complete					
14.625	Kg.	Angle iron frame work of size 1-1/2" x 1-1/2" x 1/4" (1 metre = 3.25 Kg.)	51.40	Kg.	751.73

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
0.56	sqm.	Hylem sheet of 12mm thickness	2520.00	sqm.	1411.20
3	Nos.	200A fuse Unit (500V)	550.00	Each	1650.00
1	No.	200A neutral link	144.00	Each	144.00
0.22	Kg.	1" x 1/4" copper flat	526.00	Kg.	115.72
6	Metre	19/16 PVC copper wire (MR)	295.50	Metre	1773.00
					5845.65
		Add 2% sundries such as bolts, nuts, cement sand etc			116.91
		Labour charges as per SD 129			1824.00
		Total			7786.56
		Rate per each Rs.	7786.56		
		Say Rs.	7787.00		
SD 132					
Supply and fixing of 3 phase 32A aerial fuse unit for 3 Nos. 32A fuse units (500V) on suitable MS sheet covered with 6mm thick hylem sheet on suitable angle iron work the tapping pole with necessary clamps					
3	Nos.	32A fuse unit (500V)	84.40	Each	253.20
1.5	Kg.	40mm x 40mm x 6mm angle frame	51.40	Kg.	77.10
1	No.	MS sheet (15" x 12") (MR)	118.10	Each	118.10
1	No.	Hylem sheet 6mm	165.50	Each	165.50
		Tapping pole (clamping and fixing) as per SD 128 (5 x 3)			15.15
					629.05
		Add 2% sundries, etc.			12.58
		Labour charges as per SD 128 (178 x 2)			356.00
		Total			997.63
		Rate per each Rs.	997.63		
		Say Rs.	998.00		
SD 133					
Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch on suitable TW box					
1	No.	5A 3 pin and 2 pin combined flush type wall socket only	23.90	Each	23.90
1	No.	TW board 150mm x 100mm x 68mm (MR)	38.90	Each	38.90
1	No.	5A flush type switch	192.60	Dozen	16.05
LS		Painting with primary and finishing coat for TW board (MR)	9.35	LS	9.35
					88.20
		Add 2% sundries, etc.			1.76
		Labour charges (1824 / 8)			228.00
		Total			317.96
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					1824.00
		Rate per each Rs.	317.96		
		Say Rs.	318.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 134					
Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch concealed in suitable MS box in flush with wall					
1	No.	5A 3 Pin and 2 pin combined flush type wall socket only	23.90	Each	23.90
1	No.	MS box 150mm x 100 mm x 75mm (MR)	63.10	Each	63.10
1	No.	5A flush type switch	192.60	Dozen	16.05
LS		Wall cutting, grouting, flushing and making good	24.55	LS	24.55
LS		Painting with primary and finishing coat for MS box(MR)	9.35	LS	9.35
					136.95
		Add 2% sundries, etc.			2.74
		Labour charges as per SD 129 (1824 / 6)			304.00
		Total			443.69
		Rate per each Rs.	443.69		
		Say Rs.	444.00		
SD 135					
Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch concealed in suitable MS box in flush with wall and concealed with 3mm thick hylem sheet					
		From SD 134			444.00
		ADD			
1	No.	Hylem sheet cover 150mm x 100mm x 3 mm	9.45	Each	9.45
		Total			453.45
		Rate per each Rs.	453.45		
		Say Rs.	453.00		
SD 136					
Supply and fixing of 5A / 15A 3 pin combined flush type wall socket with 15A flush type switch on suitable TW Box					
1	No.	5A / 15A 3 pin combined flush type wall socket only	54.00	Each	54.00
1	No.	TW box 150mm x 100mm x 68mm	38.90	Each	38.90
1	No.	15A flush type switch	56.00	Each	56.00
LS		Painting of primary and finishing coat TW Board(MR)	9.35	LS	9.35
					158.25
		Add 2% sundries, etc.			3.17
		Labour charges as per SD 133			228.00
		Total			389.42
		Rate per each Rs.	389.42		
		Say Rs.	389.00		
SD 137					
Supply and fixing of 5A / 15A 3 pin combined flush type wall socket with 15A flush type switch concealed in suitable MS box flush with wall with painting					
1	No.	5A /15 A 3 pin combined flush type wall socket only	54.00	Each	54.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	MS box 150 x 100 x 75mm with painting	63.10	Each	63.10
1	No.	15A flush type switch	56.00	Each	56.00
LS		Wall cutting, grouting, flushing & making good	24.55	LS	24.55
		Painting of primary and finishing cost for MS box(MR)	9.35	LS	9.35
					207.00
		Add 2% sundries, etc.			4.14
		Labour charges as per SD 134			304.00
		Total			515.14
		Rate per each Rs.	515.14		
		Say Rs.	515.00		
SD 138					
Supply and fixing of 5A / 15A 3 pin combined flush type wall socket with 15A flush type switch concealed in suitable MS box in flush with wall and covered with 3mm thick hylem sheet					
		From SD 137			515.14
		ADD			
1	No.	Hylem sheet 150mm x 100mm x 3 mm	9.45	Each	9.45
		Total			524.59
		Rate per each Rs.	524.59		
		Say Rs.	525.00		
SD 139					
Supply and fixing of 3 Nos. 5A (3 pin and 2 pin) combined flush type wall socket with control switches concealed in suitable TW box covered with hylem sheet in flush with wall with earth connection (for computer plug socket)					
3	Nos.	5A (3 pin and 2 pin) combined flush type wall socket	23.90	Each	71.70
3	Nos.	5A flush type switch	192.60	Dozen	48.15
1	No.	TW box 200 x 150 x 63mm (MR)	59.90	Each	59.90
1	No.	Hylem sheet 200 x 150 x 3mm	18.90	Each	18.90
LS		Painting with primary and finishing coat for TW Board (MR)	9.35	LS	9.35
LS		Cutting, grouting, flushing and making good	28.09	LS	28.09
					236.09
		Add 2% sundries, etc			4.72
		Labour charges as per SD 134			304.00
		Total			544.81
		Rate per each Rs.	544.81		
		Say Rs.	545.00		
SD 140					
Supply and fixing of 20A DP plug and socket in sheet enclosure with 32A DP MCB in flush with wall with earth connection (For AC Plug)					
1	No.	20A DP plug and socket in sheet steel enclosure	978.00	Each	978.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	32A DP MCB	511.00	Each	511.00
LS		Wall cutting, grouting, flushing and earth connections	55.30	LS	55.30
					1544.30
		Add 2% Sundries			30.89
		Labour charges as per SD 134			304.00
		Total			1879.19
		Rate per each Rs.	1879.19		
		Say Rs	1879.00		
SD 141					
Supply and fixing of 16A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW box PWD earthing					
1	No.	16A DP switch with metal clad (side handle)	341.00	Each	341.00
1	No.	TW board 30cm x 20cm x 6cm (MR)	59.90	Each	59.90
1	No.	PWD earthing	2167.00	Each	2167.00
					2567.90
		Add 1% sundries, etc.			25.68
		Labour charges (1824 / 4)			456.00
		Total			3049.58
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Electrical Helper	556.00	Each	1112.00
					1824.00
		Rate per each Rs.	3049.58		
		Say Rs.	3050.00		
SD 142					
Supply and fixing of 16A DP switch of 500V with metal clad with fuse and neutral (side handle) on suitable TW board with earth connection only					
		From SD 141			3050.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					883.00
		ADD			
1	No.	Earth connection (SD 74)	24.00	Each	24.00
		Total			907.00
		Rate per each Rs.	907.00		
		Say Rs.	907.00		
SD 143					
Supply and fixing of 32A DP switch of 500V with metal clad with fuse and neutral (side handle) on suitable TW board with PWD earthing					
		From SD 141			3050.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	No.	16A DP switch with fuse and neutral (side handle)	341.00	Each	341.00
					2709.00
		ADD			
1	No.	32A DP switch with fuse and neutral (side handle)	768.00	Each	768.00
		Total			3477.00
		Rate per each Rs.	3477.00		
		Say Rs.	3477.00		
SD 144					
Supply and fixing of 32A DP switch of 500V with metal clad with fuse and neutral (side handle) on suitable TW board with earth connection only					
		From SD 143			3477.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					1310.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			1334.00
		Rate per each Rs.	1334.00		
		Say Rs.	1334.00		
SD 145					
Supply and fixing of 4 way single phase DB of 16A / way with 16A, DP switch of 500V with metal clad (side handle) with fuse and neutral on suitable TW board with PWD earthing					
1	No.	4 way single phase DB with neutral link 16 A/ Way	458.00	Each	458.00
1	No.	16A DP switch of 500V (side handle)	341.00	Each	341.00
1	No.	TW box 40cm x 30cm x 6.30 cm	159.70	Each	159.70
1	No.	PWD earthing	2167.00	Each	2167.00
					3125.70
		Add 1% sundries, etc.			31.26
		Labour charges (1976 / 2)			988.00
		Total			4144.96
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
1	No.	Wireman Grade-II	708.00	Each	708.00
1	No.	Electrical Helper	556.00	Each	556.00
					1976.00
		Rate per each Rs.	4144.96		
		Say Rs.	4145.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 146					
Supply and fixing of 4 way single phase DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable TW board with earth connection only					
		From SD 145			4145.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					1978.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			2002.00
		Rate per each Rs.	2002.00		
		Say Rs.	2002.00		
SD 147					
Supply and fixing of 4 way single phase DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable angle iron frame work with trunking box, MS cable entry box with PWD earthing					
1	No.	16A DP switch with fuse and neutral (side handle)	341.00	Each	341.00
1	No.	4way single phase DB with neutral link 16A/ way	458.00	Each	458.00
4.875	Kg.	Angle iron 38mm x 38mm x 6mm (1 metre = 3.25 Kg.)	51.40	Kg.	250.58
1	No.	MS trunking box	38.35	Each	38.35
1	No.	PWD earthing	2167.00	Each	2167.00
1	No.	Cable entry box	57.55	Each	57.55
					3312.48
		Add 1% sundries, etc.			33.12
		Labour charges (3796 / 3)			1265.33
		Total			4610.93
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Wireman Grade-II	708.00	Each	1416.00
3	Nos.	Electrical Helper	556.00	Each	1668.00
					3796.00
		Rate per each Rs.	4610.93		
		Say Rs.	4611.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 148					
Supply and fixing of 4way SP DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable angle iron frame work with trunking box MS cable entry box with earth connection					
		From SD 147			4611.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					2444.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			2468.00
		Rate per each Rs.	2468.00		
		Say Rs.	2468.00		
SD 149					
Supply and fixing of 6 way SP DB of 16 A / way with 16 A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable TW board with PWD earthing					
1	No.	16A Single Phase DPMC switch F & N (Side Handle)	341.00	Each	341.00
1	No.	6 way SP DB with F & N link 16 A / way	625.00	Each	625.00
1	No.	TW Board 40 cm x 30cm x 6.3 cm (MR)	159.70	Each	159.70
1	No.	PWD Earthing.	2167.00	Each	2167.00
					3292.70
		Add 1% sundries, etc.			32.93
		Labour charges as per SD 145			988.00
		Total			4313.63
		Rate per each Rs.	4313.63		
		Say Rs.	4314.00		
SD 150					
Supply and fixing of 6 way SP DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable TW board with PWD earth connection only					
		From SD 149			4314.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					2147.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			2171.00
		Rate per each Rs.	2171.00		
		Say Rs.	2171.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 151					
Supply and fixing of 8 way SP DB of 16A / way with 16A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW board with PWD earthing					
		From SD 149			4314.00
		LESS			
1	No.	6 way SP DB with fuse and neutral	625.00	Each	625.00
					3689.00
		ADD			
1	No.	8 way SP DB with fuse and neutral	773.00	Each	773.00
		Total			4462.00
		Rate per each Rs.	4462.00		
		Say Rs.	4462.00		
SD 152					
Supply and fixing of 8 way SP DB of 16A / way with 16A DP switch with Metal clad of 500V with fuse and neutral on (front handle) on suitable TW board with earth connection only					
		From SD 151			4462.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					2295.00
		ADD			
1	No.	For earth connection(SD 74)	24.00	Each	24.00
		Total			2319.00
		Rate per each Rs.	2319.00		
		Say Rs.	2319.00		
SD 153					
Supply and fixing of 6 way SP DB of 16A / way with 16A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable angle iron frame work with trunking box MS cable entry box with PWD earthing					
		From SD 147			4611.00
		LESS			
1	No.	4 way SP DB with fuse and neutral	458.00	Each	458.00
					4153.00
		ADD			
1	No.	6 way SP DB with fuse and neutral	625.00	Each	625.00
		Total			4778.00
		Rate per each Rs.	4778.00		
		Say Rs.	4778.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 154					
Supply and fixing of 6 way SP DB of 16A / way with 16A DPIC switch of 500V with fuse and neutral (front handle) on suitable angle iron frame work with trunking box MS cable entry box with earth connection only					
		From SD 153			4778.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					2611.00
		ADD			
LS		Earth connection only (SD 74)	24.00	LS	24.00
		Total			2635.00
		Rate per each Rs.	2635.00		
		Say Rs.	2635.00		
SD 155					
Supply and fixing of 4 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW board with PWD earthing					
		From SD 145			4145.00
		LESS			
1	No.	16A DPMC switch (side handle)	341.00	Each	341.00
					3804.00
		ADD			
1	No.	32A DPMC switch (side handle)	768.00	Each	768.00
		Total			4572.00
		Rate per each Rs.	4572.00		
		Say Rs.	4572.00		
SD 156					
Supply and fixing of 4 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW board with earth connection					
		From SD 155			4572.00
		LESS			
1	No.	PWD Earthing	2167.00	Each	2167.00
					2405.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			2429.00
		Rate per each Rs.	2429.00		
		Say Rs.	2429.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 157					
Supply and fixing of 8 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW Board with PWD earthing					
		From SD 151			4462.00
		LESS			
1	No.	16A DPMC switch with fuse and neutral (side handle)	341.00	Each	341.00
					4121.00
		ADD			
1	No.	32A DPMC switch with fuse and neutral (side handle)	768.00	Each	768.00
		Total			4889.00
		Rate per each Rs.	4889.00		
		Say Rs.	4889.00		
SD 158					
Supply and fixing of 8 way SP DB with 32A DP Switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW Board with earth connection only.					
		From SD 152			2319.00
		LESS			
1	No.	16A DPMC switch with fuse and neutral (side handle)	341.00	Each	341.00
					1978.00
		ADD			
1	No.	32A DPMC switch with fuse and neutral (side handle)	768.00	Each	768.00
		Total			2746.00
		Rate per each Rs.	2746.00		
		Say Rs.	2746.00		
SD 159					
Supply and fixing of 8 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable angle iron frame work with trunking box MS cable entry box with PWD earthing					
1	No.	32A DPIC switch	768.00	Each	768.00
1	No.	8 way DB of 16A / way with fuse and neutral link	773.00	Each	773.00
1	No.	MS trunking box (MR)	38.35	Each	38.35
5.52	Kg.	Angle iron frame (1.7 metre)	51.40	Kg.	283.73
1	No.	PWD earthing	2167.00	Each	2167.00
1	No.	Cable entry box	57.55	Each	57.55
					4087.63
		Add 1% sundries, etc.			40.88
		Labour charges (3796 / 2)			1898.00
		Total			6026.50
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Wireman Grade-II	708.00	Each	1416.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
3	Nos.	Electrical Helper	556.00	Each	1668.00
					3796.00
		Rate per each Rs.	6026.50		
		Say Rs.	6027.00		
SD 160					
Supply and fixing of 8 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable angle iron frame work with trunking box with earth connection only					
		From SD 159			6027.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					3860.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			3884.00
		Rate per each Rs.	3884.00		
		Say Rs.	3884.00		
SD 161					
Supply and fixing of 16A TPN metal clad switch on suitable angle iron work with cable entry boxes for incoming and outgoing with PWD earthing					
1	No.	16A TPN metal clad switch	881.00	Each	881.00
1	No.	MS cable entry box (MR)	115.20	Each	115.20
4.875	Kg.	MS angle frame 38 x 38 x 6mm (1 metre = 3.25 Kg.)	51.40	Kg.	250.58
1	No.	PWD earthing	2167.00	Each	2167.00
					3413.78
		Add 1% sundries, etc.			34.14
		Labour charges as per SD 159			1898.00
		Total			5345.91
		Rate per each Rs.	5345.91		
		Say Rs.	5346.00		
SD 162					
Supply and fixing of 16A TPN metal clad switch on suitable angle iron frame work with MS cable entry boxes with earth connection only					
		From SD 161			5346.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					3179.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			3203.00
		Rate per each Rs.	3203.00		
		Say Rs.	3203.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 163					
Supply and fixing of 32A TPN metal clad switch on suitable angle iron frame work with MS cable entry boxes with PWD earthing					
		From SD 161			5346.00
		LESS			
1	No.	16A TPN metal clad switch	881.00	Each	881.00
					4465.00
		ADD			
1	No	32A TPN metal clad switch	1302.00	Each	1302.00
		Total			5767.00
		Rate per each Rs.	5767.00		
		Say Rs.	5767.00		
SD 164					
Supply and fixing of 32A TPNMC switch on suitable angle iron frame work with MS cable entry box with earth connection only					
		From SD 163			5767.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					3600.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			3624.00
		Rate per each Rs.	3624.00		
		Say Rs.	3624.00		
SD 165					
Supply and fixing of 63A TPNMC switch on suitable angle iron frame work with MS cable entry boxes with PWD earthing					
1	No.	63A TPNMC switch	2838.00	Each	2838.00
6.5	Kg.	Angle iron frame 38mm x 38mm x 6mm (2.0 metre)	51.40	Kg.	334.10
2	Nos.	MS cable entry boxes	115.20	Each	230.40
1	No.	PWD earthing	2167.00	Each	2167.00
					5569.50
		Add 1% sundries, etc.			55.70
		Labour charges as per SD 161			1898.00
		Total			7523.20
		Rate per each Rs.	7523.20		
		Say Rs.	7523.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 166					
Supply and fixing of 63A TPNMC switch with suitable angle iron frame work with MS cable entry boxes with earth connection only					
		From SD 165			7523.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					5356.00
		ADD			
LS		For earth connection (SD 74)	24.00	LS	24.00
		Total			5380.00
		Rate per each Rs.	5380.00		
		Say Rs.	5380.00		
SD 167					
Supply and fixing of 8 way single pole and neutral MCB sheet steel enclosure distribution board of double door type with metal door with IP43 protection with 1 No. 32A DP MCB as incoming and 6 Nos. 6A to 32A SPMCB outgoing in flush with wall and making good of the concealed portion with earth connection only. The MCB DB and MCB's should be with ISI mark (like standard make)					
1	No.	8 way single pole and neutral MCB distribution board	794.00	Each	794.00
1	No.	32A DP MCB	424.00	Each	424.00
6	Nos.	6A to 32A SP MCB	127.00	Each	762.00
LS		Wall cutting, grouting, flushing etc	55.30	LS	55.30
LS		Earth connection (SD 74)	24.00	LS	24.00
					2059.30
		Add 1% sundries, etc.			20.59
		Labour charges as per SD 145			988.00
		Total			3067.89
		Rate per each Rs.	3067.89		
		Say Rs.	3068.00		
SD 168					
Supply and fixing of 100A TPN sheet double break switch with HRC fuse and neutral on suitable angle iron frame work with MS cable entry boxes and with PWD earthing					
1	No.	100A TPN sheet steel double break switch with HRC fuses	5812.00	Each	5812.00
8.125	Kg.	Angle iron 38mm X 38mm x 6mm (2.5 metre)	51.40	Kg.	417.63
2	Nos.	MS cable entry boxes	115.20	Each	230.40
1	No.	PWD earthing	2167.00	Each	2167.00
					8627.03

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Add 1% ssundries, etc.			86.27
		Labour charges as per SD 159			1898.00
		Total			10611.30
		Rate per each Rs.	10611.30		
		Say Rs.	10611.00		
SD 169					
Supply and fixing of 100A TPN sheet double break switch with HRC fuse and neutral on suitable angle iron frame work with earth connection only					
		From SD 168			10611.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					8444.00
		ADD			
LS		For earth connection (SD 74)	24.00	LS	24.00
		Total			8468.00
		Rate per each Rs.	8468.00		
		Say Rs.	8468.00		
SD 170					
Supply and fixing of 200A TPN sheet steel double break switch with HRC fuses and neutral on suitable angle iron frame work with MS cable entry boxes PWD earthing					
		From SD 168			10611.00
		LESS			
1	No.	100A TPN sheet steel double break switch with HRC fuse	5812.00	Each	5812.00
					4799.00
		ADD			
1	No.	200A TPN sheet double break switch	8238.00	Each	8238.00
		Total			13037.00
		Rate per each Rs.	13037.00		
		Say Rs.	13037.00		
SD 171					
Supply and fixing of 200A TPN sheet steel double break switch with HRC fuses and neutral on suitable angle iron frame work with MS cable entry boxes and with earth connection only					
		From SD 170			13037.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					10870.00
		ADD			
LS		For earth connection (SD 74)	24.00	LS	24.00
					10894.00
		Rate per each Rs.	10894.00		
		Say Rs.	10894.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 172					
Supply and fixing of 32A TPNMC switch on incoming and 3 Nos. 32A DPMC switch (front handle) as outgoing with suitable adaptor box with suitable MS cable entry box trunking boxes and internal connections on internal connections on suitable angle iron frame work with earth connection					
1	No.	32A TPNMC switch	1302.00	Each	1302.00
3	Nos.	32A DPMC switch (front handle)	847.00	Each	2541.00
8.775	Kg.	Angle iron frame 38mm x 38mm x 6mm (2.70 metre)	51.40	Kg.	451.04
1	No.	Cable entry box	57.55	Each	57.55
3	Nos.	MS trunking boxes	38.35	Each	115.05
LS		Earth connections (SD 74)	24.00	LS	24.00
3	Metre	Inter connection by 6 Sq.mm PVC copper wire	56.70	Metre	170.10
					4660.74
		Add 1% sundries, etc.			46.61
		Labour charges as per SD 159			1898.00
		Total			6605.34
		Rate per each Rs.	6605.34		
		Say Rs.	6605.00		
SD 173					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 16A per way with 32A TPNMC switch with suitable MS cable entry boxes trunking box and internal connections on suitable angle iron frame work with PWD earthing					
1	No.	32A TPNMC switch	1302.00	Each	1302.00
1	No.	3 phase 4 wire 4 way ICDB of 16A / way	1809.00	Each	1809.00
8.775	Kg.	Angle iron 38mm x 38mm x 6mm (2.70 metre)	51.40	Kg.	451.04
1	No.	Trunking box	38.35	Each	38.35
1	No.	PWD earthing	2167.00	Each	2167.00
1	Nos.	MS cable entry boxes	57.55	Each	57.55
					5824.94
		Add 1% sundries, etc.			58.25
		Labour charges as per SD 159			1898.00
		Total			7781.19
		Rate per each Rs.	7781.19		
		Say Rs.	7781.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 174					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 16A per way with 32A TPNMC switch with suitable MS cable entry boxes trunking box and internal connections on suitable angle iron frame work with earth connection					
		From SD 173			7781.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					5614.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			5638.00
		Rate per each Rs.	5638.00		
		Say Rs.	5638.00		
SD 175					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32 Amps per way with 63A TPNMC switch with suitable trunking box MS cable entry and internal connection in suitable angle iron frame work with PWD earthing					
1	No.	63A TPNMC switch	2838.00	Each	2838.00
1	No.	3 phase 4 wire 4 way ICDB 32A way	2289.00	Each	2289.00
9.750	Kg.	Angle iron frame work (3 metre of 38mm x 38mm x 6mm)	51.40	Kg.	501.15
2	Nos.	MS / cable entry boxes	115.20	Each	230.40
1	No.	Trunking box	38.35	Each	38.35
1	No.	PWD earthing	2167.00	Each	2167.00
					8063.90
		Add 1% sundries, etc.			80.64
		Labour charges (4504 / 2)			2252.00
		Total			10396.54
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
3	Nos.	Wireman Grade-II	708.00	Each	2124.00
3	Nos.	Electrical Helper	556.00	Each	1668.00
					4504.00
		Rate per each Rs.	10396.54		
		Say Rs.	10397.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 176					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32A per way with 63A TPNMC switch with suitable trunking box MS cable entry boxes and internal connections on suitable angle iron frame work with earth connection only					
		From SD 175			10397.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					8230.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			8254.00
		Rate per each Rs.	8254.00		
		Say Rs.	8254.00		
SD 177					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32A per way with 100A, TPNMC switch with suitable trunking box MS cable entry boxes and internal connection on suitable angle iron frame work with PWD earthing					
		From SD 175			10397.00
		LESS			
1	No.	63A TPNMC switch	2838.00	Each	2838.00
					7559.00
		ADD			
1	No.	100A TPNMC switch	5588.00	Each	5588.00
		Total			13147.00
		Rate per each Rs.	13147.00		
		Say Rs.	13147.00		
SD 178					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32A per way with 100A TPNMC switch with suitable trunking box MS cable entry boxes and internal connection on suitable angle iron frame work with earth connection					
		From SD 177			13147.00
		LESS			
1	No.	PWD earthing	2167.00	Each	2167.00
					10980.00
		ADD			
LS		Earth connection (SD 74)	24.00	LS	24.00
		Total			11004.00
		Rate per each Rs.	11004.00		
		Say Rs.	11004.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 179					
Supply and fixing of horizontal type 4 way triple pole neutral MCB distribution board in sheet steel enclosure double door of double door type with metal door with IP43 protection with 40A 4 pole MCB isolater as incoming and 12 Nos. 6A to 32A SP MCB as outgoing in flush with wall and making good of the concealed portion with earth connection. The MCBDB and MCB's should be with the ISI mark (like standard make)					
1	No.	40A FP isolator (MCB)	575.00	Each	575.00
1	No.	4 way TPN MCBDB	1790.00	Each	1790.00
12	Nos.	6A to 32A SP MCB's	127.00	Each	1524.00
LS		Wall cutting, grouting and finishing	112.35	LS	112.35
1	No	Earth connection (SD 74)	24.00	Each	24.00
					4025.35
		Add 1% sundries, etc.			40.25
		Labour charges as per SD 159			1898.00
		Total			5963.60
		Rate per each Rs.	5963.60		
		Say Rs.	5964.00		
SD 180					
Supply and fixing of brass cable gland for 2 x 4 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland for 2 x 4 sq.mm. LTUG cable	18.15	Each	18.15
LS		Clamps, bolt, nut, earth connection	6.95	LS	6.95
		Labour charges (2128 / 10)			212.80
		Total			237.90
		LABOUR DETAILS			
1	No.	Wireman Grade-I	712.00	Each	712.00
2	Nos.	Wireman Grade-II	708.00	Each	1416.00
					2128.00
		Rate per each Rs.	237.90		
		Say Rs.	238.00		
SD 181					
Supply and fixing of brass cable gland for 2 x 6 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
		From SD 180			238.00
		LESS			
1	No.	Brass cable gland for 2 x 4 sq.mm. LTUG cable	18.15	Each	18.15
					219.85
		ADD			
1	No.	Cable gland for 2 x 6 sq.mm. LTUG cable	22.70	Each	22.70
		Total			242.55
		Rate per each Rs.	242.55		
		Say Rs.	243.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 182					
Supply and fixing of brass cable gland for 2 x 10 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
		From SD 180			238.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. LTUG cable	18.15	Each	18.15
					219.85
		ADD			
1	No.	Cable gland for 2 x 10 sq.mm. LTUG cable	27.15	Each	27.15
		Total			247.00
		Rate per each Rs.	247.00		
		Say Rs.	247.00		
SD 183					
Supply and fixing of brass cable gland for 2 x 16 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
		From SD 180			238.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. LTUG cable	18.15	Each	18.15
					219.85
		ADD			
1	No.	Cable gland for 2 x 16 sq.mm. LTUG cable	40.20	Each	40.20
		Total			260.05
		Rate per each Rs.	260.05		
		Say Rs.	260.00		
SD 184					
Supply and fixing of brass cable gland for 2 x 25 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
		From SD 180			238.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. PVC cable	18.15	Each	18.15
					219.85
		ADD			
1	No.	Cable gland for 2 x 25 sq.mm. LTUG cable	48.00	Each	48.00
		Total			267.85
		Rate per each Rs.	267.85		
		Say Rs.	268.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 185					
Supply and fixing of brass cable gland for 4 x 25 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
		From SD 180			238.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. LTUG cable	18.15	Each	18.15
					219.85
		ADD			
1	No.	Cable gland for 4 x 25 sq.mm. LTUG cable	48.00	Each	48.00
		Total			267.85
		Rate per each Rs.	267.85		
		Say Rs.	268.00		
SD 186					
Supply and fixing of brass cable gland for 3-1/2 x 25 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable	48.00	Each	48.00
LS		Sundries such as clamps, bolts, nuts, earth connection	6.95	LS	6.95
		Labour charges as per SD 180 x 1.5 times			319.20
		Total			374.15
		Rate per each Rs.	374.15		
		Say Rs.	374.00		
SD 187					
Supply and fixing of brass cable gland for 3-1/2 x 35 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
		From SD 186			374.00
		LESS			
1	No.	Brass cable gland for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable	48.00	Each	48.00
					326.00
		ADD			
1	No.	Brass cable gland for 3-1/2 x 35 sq.mm. armoured LTUG cable	61.10	Each	61.10
		Total			387.10
		Rate per each Rs.	387.10		
		Say Rs.	387.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 188					
Supply and fixing of brass cable gland for 3-1/2 x 50 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
		From SD 186			374.00
		LESS			
1	No.	Brass cable gland for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable	48.00	Each	48.00
					326.00
		ADD			
1	No.	Brass cable gland for 3-1/2 x 50 sq.mm. PVC armoured LTUG cable	61.10	Each	61.10
		Total			387.10
		Rate per each Rs.	387.10		
		Say Rs.	387.00		
SD 189					
Supply and fixing of brass cable gland for 3-1/2 x 70 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 70 sq.mm. LTUG cable	75.35	Each	75.35
LS		Sundries such as clamps, bolts, nuts, earth connection	8.05	LS	8.05
		Labour charges as per SD 180 x 2 times			425.60
		Total			509.00
		Rate per each Rs.	509.00		
		Say Rs.	509.00		
SD 190					
Supply and fixing of brass cable gland for 3-1/2 x 95 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 95 sq.mm. LTUG cable	92.00	Each	92.00
LS		Sundries such as clamps, bolts, nuts, earth connection	8.05	LS	8.05
		Labour charges as per SD 180 x 2 times			425.60
		Total			525.65
		Rate per each Rs.	525.65		
		Say Rs.	526.00		
SD 191					
Supply and fixing of brass cable gland for 3-1/2 x 120 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 120 sq.mm. LTUG cable	117.15	Each	117.15
LS		Sundries such as clamps, bolts, nuts, earth connection	8.05	LS	8.05
		Labour charges as per SD 180 x 2 times			425.60
		Total			550.80
		Rate per each Rs.	550.80		
		Say Rs.	551.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 192					
Supply and fixing of brass cable gland for 3-1/2 x 150 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 150 sq.mm. LTUG cable	154.20	Each	154.20
LS		Sundries such as clamps, bolts, nuts, earth connection	8.05	LS	8.05
		Labour charges as per SD 180 x 2 times			425.60
		Total			587.85
		Rate per each Rs.	587.85		
		Say Rs.	588.00		
SD 193					
Supply and fixing of brass cable gland for 3-1/2 x 185 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 185 sq.mm. LTUG cable	182.40	Each	182.40
LS		Sundries such as clamps, bolts, nuts, earth connection	12.20	LS	12.20
		Labour charges as per SD 180 x 2 times			425.60
		Total			620.20
		Rate per each Rs.	620.20		
		Say Rs.	620.00		
SD 194					
Supply and fixing of brass cable gland for 3-1/2 x 240 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland 3-1/2 x 240 sq. mm. PVC LTUG armoured cable	182.40	Each	182.40
LS		Sundries such as clamps, bolts, nuts, earth connection.	12.00	LS	12.00
		Labour charges as per SD 180 x 2.5 times			532.00
		Total			726.40
		Rate per each Rs.	726.40		
		Say Rs.	726.00		
SD 195					
Supply and fixing of brass cable gland for 3-1/2 x 300 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland 3-1/2 x 300 sq.mm PVC LTUG armoured cable	217.80	Each	217.80
LS		Sundries such as clamps, bolts, nuts, earth connection.	12.00	LS	12.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Labour charges as per SD 180 x 2.5 times			532.00
		Total			761.80
		Rate per each Rs.	761.80		
		Say Rs.	762.00		
SD 196					
Supply and fixing of brass cable gland for 3-1/2 x 400 sq.mm. PVC LTUG aluminium armoured cable with earth connection					
1	No.	Brass cable gland 3-1/2 x 400 sq.mm. PVC LTUG armoured cable	309.90	Each	309.90
LS		Sundries such as clamps, bolts, nuts, earth connection.	12.00	LS	12.00
		Labour charges as per SD 180 x 2.5 times			532.00
		Total			853.90
		Rate per each Rs.	853.90		
		Say Rs.	854.00		
COMMON DATA					
Supply and laying of the following size of PVC LTUG aluminium armoured cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 metre layer of sand and covering the three sides of the cable with bricks and refilling the earth to make good					
A		Charges for transportation, stretching and laying of the cable for 90 metre			
1	No.	Electrical Maistry	817.00	Each	817.00
6	Nos.	Electrical Helper	556.00	Each	3336.00
					4153.00
		Incidental charges 0.5%			20.77
					4173.77
		Rate per metre = Rs. 4173.77/90		46.38	
		Say			46.40
1		For 2 x 4 sq.mm., 2 x 6 sq.mm., 2 x 10 sq.mm., 2 x 6 sq.mm., 2 x 25 sq.mm., 4 x 6 sq.mm., 4 x 10 sq.mm., 4 x 16 sq.mm. The rate is 46.40		46.40	
2		For 3-1/2 x 25 sq.mm., 3-1/2 x 35, 3-1/2 x 50 sq.mm. The rate is (1.5 x 46.40)		69.60	
3		3-1/2 x 70 sq.mm., 3-1/2 x 95 sq.mm., 3-1/2 x 120 sq.mm., 3-1/2 x 150 sq.mm., 3-1/2 x 185 sq.mm. and 3-1/2 x 225 sq.mm. (2 x 46.40)		92.80	
B (a)		Charges for excavation of earth, quantity of earth to be excavated = 1 metre (length) x 0.30 metre (width) x 0.75 metre (depth)			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		As the width of 30cm is practically not possible to carry out the excavation a minimum width of 45cm is taken			
		Hence actual value of excavation = 1 metre x 0.45 x 0.75 = 0.3375 cubic metre			
		Rate for excavation for / cum. Rs.108.90, since it is narrow excavation double the rates are permissible			
		Page No.23 / Sl. No.41 Sch. Item No. 67 of Annexure-III - Rates of Works of SOR, 2021-2022	143.90		
		Therefore excavation charges 0.3375 x 143.90	48.57		
				48.60	
(b)		Charges for sand filling			
		Quantity of sand required = 1 metre (length) x 0.3 metre (width) x 0.15 metre (depth) (1 X 0.3 X 0.15)	0.045	cum.	
		For covering the bricks etc	0.015	cum.	
			0.060	cum.	
1	cum.	Cost of filling sand at site average rate for city (447 x 0.06) (Page No.17 / Sl. No.71 Sch. Item No. 60 of Anneure-II - Rates of Materials of SOR, 2021-2022)			26.82
(c)		Cost of brick			
		Total No. of bricks required for one metre length:			
		Brick size 9" x 4-3/8 x 2-3/4" on side	4.30	Nos.	
		23cm x 11.4cm x 7.6 cm II side	4.30	Nos.	
		Top side	8.60	Nos.	
			17.20	Nos.	
		Cost of bricks at site 1000 Nos. (Page No.14 / Sl. No.2 Sch Item No. 2B of Anneure-II - Rates of Materials of SOR, 2020-2021)	7400.00		
		Transport charges	498.46		
		Loading and unloading charges (Page No.23 / Note-2 of of Anneure-II - Rates of Materials of SOR, 2020-2021)	0.00		
			7898.46		
		Rate per bricks for 17.20 Nos. 7898.46 / 1000 x 17.20 = Rs.135.85	135.85		
		Say		135.85	
(d)		Re-filling of earth:			
		Quantity of refilling of earth required = 1 metre x 0.45 x (0.75 - 0.30D) 1 x 0.45 x 0.45 = 0.2025 cum. (Page No.23 / Sl. No.47 Sch.Item No. 85 of Annexure-III - Rates of Works of SOR, 2020-2021)			
		Rate for refilling / cum. = 33.60	33.60		
		Therefore 0.2025 / cum. = 33.60 x 0.2025		6.80	
		Cost of excavation, sand, bricks and refilling			
	a	Excavation of earth	48.60		
	b	Sand filling	26.82		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
	c	Cost of bricks	135.85		
	d	Refilling the earth	6.80		
		Total	218.08		
SD 197					
Supply and laying of 2 x 6 sq.mm PVC LTUG aluminium armoured cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 metre layer of sand and covering the cable completely with bricks and sand and refilling the earth to make good					
1	Metre	2 x 6 sq.mm PVC armoured LTUG Cable	90.70	Metre	90.70
1	Metre	Excavation of earth	48.60	Metre	48.60
1	Metre	Filling with 15cm sand	26.82	Metre	26.82
1	Metre	Cost of bricks	135.85	Metre	135.85
1	Metre	Refilling the earth	6.80	Metre	6.80
1	Metre	Labour charges for laying the bricks and cable	46.40	Metre	46.40
		Total			355.18
		Rate per metre Rs.	355.18		
		Say Rs.	355.00		
SD 198					
Same as SD 197, except 2 x 10 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 197			355.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC LTUG armoured cable	90.70	Metre	90.70
					264.30
		ADD			
1	Metre	2 x 10 sq.mm. PVC LTUG armoured cable	110.40	Metre	110.40
		Total			374.70
		Rate per metre Rs.	374.70		
		Say Rs.	375.00		
SD 199					
Same as SD 197, except 2 x 16 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 197			355.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC LTUG armoured cable	90.70	Metre	90.70
					264.30
		ADD			
1	Metre	2 x 16 sq.mm. PVC LTUG armoured cable	119.90	Metre	119.90
		Total			384.20
		Rate per metre Rs.	384.20		
		Say Rs.	384.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 200					
Same as SD 197, except 2 x 25 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 197			355.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC LTUG armoured cable	90.70	Metre	90.70
					264.30
		ADD			
1	Metre	2 x 25 sq.mm. PVC LTUG armoured cable	136.10	Metre	136.10
		Total			400.40
		Rate per metre Rs.	400.40		
		Say Rs.	400.00		
SD 201					
Same as SD 197, except 4 x 6 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 197			355.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC LTUG armoured cable	90.70	Metre	90.70
					264.30
		ADD			
1	Metre	4 x 6 sq.mm. PVC LTUG armoured cable	117.50	Metre	117.50
		Total			381.80
		Rate per metre Rs.	381.80		
		Say Rs.	382.00		
SD 202					
Same as SD 197, except 4 x 10 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 197			355.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC LTUG armoured cable	90.70	Metre	90.70
					264.30
		ADD			
1	Metre	4 x 10 sq.mm. PVC LTUG armoured cable	128.80	Metre	128.80
		Total			393.10
		Rate per metre Rs.	393.10		
		Say Rs.	393.00		
SD 203					
Same as SD 197, except 4 x 16 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 197			355.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	2 x 6 sq.mm. PVC LTUG armoured cable	90.70	Metre	90.70
					264.30
		ADD			
1	Metre	4 x 16 sq.mm. PVC LTUG armoured cable	169.70	Metre	169.70
		Total			434.00
		Rate per metre Rs.	434.00		
		Say Rs.	434.00		
SD 204					
Same as per SD 197, except for 3-1/2 x 25 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 197			355.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC LTUG armoured cable	90.70	Metre	90.70
1	Metre	Laying charges	46.40	Metre	46.40
					137.10
		ADD			217.90
1	Metre	3-1/2 x 25 sq.mm. PVC LTUG armoured cable	205.20	Metre	205.20
1	Metre	Laying charges (46.40 x 1.50 = 69.60)	69.60	Metre	69.60
					274.80
		Total			492.70
		Rate per metre Rs.	492.70		
		Say Rs.	493.00		
SD 205					
Same as per SD 197, except for 3-1/2 x 35 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 204			493.00
		LESS			
1	Metre	3-1/2 x 25 sq.mm. PVC LTUG armoured cable	205.20	Metre	205.20
					287.80
		ADD			
1	Metre	3-1/2 x 35 sq.mm PVC LTUG armoured cable	241.60	Metre	241.60
		Total			529.40
		Rate per metre Rs.	529.40		
		Say Rs.	529.00		
SD 206					
Same as per SD 197, except for 3-1/2 x 50 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 205			529.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	3-1/2 x 35 sq.mm. PVC LTUG armoured cable	241.60	Metre	241.60
					287.40
		ADD			
1	Metre	3-1/2 x 50 sq.mm. PVC LTUG armoured cable	314.70	Metre	314.70
		Total			602.10
		Rate per metre Rs.	602.10		
		Say Rs.	602.00		
SD 207					
Same as per SD 197, except for 3-1/2 x 70 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 206			602.00
		LESS			
1	Metre	3-1/2 x 50 sq.mm. PVC LTUG armoured cable	314.70	Metre	314.70
1	Metre	Laying charges	69.60	Metre	69.60
					384.30
		ADD			217.70
1	Metre	3-1/2 x 70 sq.mm. PVC LTUG armoured cable	403.70	Metre	403.70
1	Metre	Laying charges (46.40 x 2)	92.80	Metre	92.80
		Total			496.50
		Rate per metre Rs.	714.20		714.20
		Say Rs.	714.00		
SD 208					
Same as per SD 197, except for 3-1/2 x 95 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 207			714.00
		LESS			
1	Metre	3-1/2 x 70 sq.mm. PVC LTUG armoured cable	403.70	Metre	403.70
					310.30
		ADD			
1	Metre	3-1/2 x 95 sq.mm. PVC LTUG armoured cable	522.50	Metre	522.50
		Total			832.80
		Rate per metre Rs.	832.80		
		Say Rs.	833.00		
SD 209					
Same as per SD 197, except for 3-1/2 x 120 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 208			833.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	3-1/2 x 95 sq.mm. PVC LTUG armoured cable	522.50	Metre	522.50
					310.50
		ADD			
1	Metre	3-1/2 x 120 sq.mm. PVC LTUG armoured cable	638.30	Metre	638.30
		Total			948.80
		Rate per metre Rs.	948.80		
		Say Rs.	949.00		
SD 210					
Same as per SD 197, except for 3-1/2 x 150 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 209			949.00
		LESS			
1	Metre	3-1/2 x 120 sq.mm. PVC LTUG armoured cable	638.30	Metre	638.30
					310.70
		ADD			
1	Metre	3-1/2 x 150 sq.mm. PVC LTUG armoured cable	756.00	Metre	756.00
		Total			1066.70
		Rate per metre Rs.	1066.70		
		Say Rs.	1067.00		
SD 211					
Same as per SD 197, except for 3-1/2 x 185 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 210			1067.00
		LESS			
1	Metre	3-1/2 x 150 sq.mm. PVC LTUG armoured cable	756.00	Metre	756.00
					311.00
		ADD			
1	Metre	3-1/2 x 185 sq.mm. PVC LTUG armoured cable	922.90	Metre	922.90
		Total			1233.90
		Rate per metre Rs.	1233.90		
		Say Rs.	1234.00		
SD 212					
Same as per SD 197, except for 3-1/2 x 240 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 211			1234.00
		LESS			
1	Metre	3-1/2 x 185 sq.mm. PVC LTUG armoured cable	922.90	Metre	922.90
1	Metre	Laying charges	92.80	Metre	92.80
					1015.70

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			218.30
1	Metre	3-1/2 x 240 sq.mm. PVC LTUG armoured cable	1170.00	Metre	1170.00
1	Metre	Laying charges (46.40 x 2.5)	116.00	Metre	116.00
					1286.00
		Total			1504.30
		Rate per metre Rs.	1504.30		
		Say Rs.	1504.00		
SD 213					
Same as per SD 197, except for 3-1/2 x 300 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 212			1504.00
		LESS			
1	Metre	3-1/2 x 240 sq.mm. PVC LTUG armoured cable	1170.00	Metre	1170.00
					334.00
		ADD			
1	Metre	3-1/2 x 300 sq.mm. PVC LTUG armoured cable	1436.00	Metre	1436.00
		Total			1770.00
		Rate per metre Rs.	1770.00		
		Say Rs.	1770.00		
SD 214					
Same as per SD 197, except for 3-1/2 x 400 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 213			1770.00
		LESS			
1	Metre	3-1/2 x 300 sq.mm. PVC LTUG armoured cable	1436.00	Metre	1436.00
					334.00
		ADD			
1	Metre	3-1/2 x 400 sq.mm. PVC LTUG armoured cable	1831.00	Metre	1831.00
		Total			2165.00
		Rate per metre Rs.	2165.00		
		Say Rs.	2165.00		
COMMON DATA					
A	Supply and clamping including transport charges of UG cables				
1	No.	Electrical Maistry	817.00	Each	817.00
2	Nos.	Wireman Grade-I	712.00	Each	1424.00
3	Nos.	Wireman Grade-II	708.00	Each	2124.00
4	Nos.	Electrical Helper	556.00	Each	2224.00
					6589.00
		Charge / Metre (6589/ 45)	146.42		
		Say	146.40		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
(i)		For 2 x 4 sq.mm., 2 x 6 sq.mm., 2 x 10 sq.mm., 2 x 16 sq.mm., 2 x 25 sq.mm., 4 x 4 sq.mm., 4 x 6 sq.mm., 4 x 10 sq.mm. and 4 x 16 sq.mm.			146.40
(ii)		For 3-1/2 x 25 sq.mm., 3-1/2 x 35 sq.mm., 3-1/2 x 50 sq.mm., 3-1/2 x 70 sq.mm. and 3-1/2 x 95 sq.mm. (146.40 x 1.25)			183.00
(iii)		For 3-1/2 x 120 sq.mm., 3-1/2 x 150 sq.mm., 3-1/2 x 185 sq.mm., 3-1/2 x 225 sq.mm., 3-1/2 x 300 sq.mm., 3-1/2 x 240 sq.mm. and 3-1/2 x 400 sq.mm. (146.40 x 1.5)			219.60
B		MS clamps and saddles			
150	Sets	MS clamps, saddles, complete for clamping 90 metre cable	3.51	Set	526.50
		LS for sundries, plugs, screws, etc			200.40
					726.90
		Rate per metre = 726.90 / 90		8.08	
		This is for 2 x 4 sq.mm., 2 x 6 sq.mm., 2 x 10 sq.mm., 2 x 16 sq.mm., 2 x 25 sq.mm., 4 x 6 sq.mm., 4 x 10 sq.mm. and 4 x 16 sq.mm.			
150	Sets	Clamps, saddles, complete for 90 metre cable	3.86	Set	579.00
		LS for sundries, plugs, screws etc			200.40
					779.40
		Rate per metre = 779.40 / 90		8.66	
		This is for 3-1/2 x 25 sq.mm., 3-1/2 x 35 sq.mm., 3-1/2 x 50 sq.mm., 3-1/2 x 70 sq.mm. and 3-1/2 x 95 sq.mm.			
150	Sets	Clamps, saddles, complete for 90 metre cable	4.44	Set	666.00
		LS for sundries, plugs, screws etc			230.10
					896.10
		Rate per metre = 896.10 / 90		9.96	
		This is for 3-1/2 x 120 sq.mm., 3-1/2 x 150 sq.mm., 3-1/2 x 185 sq.mm., 3-1/2 x 240 sq.mm., 3-1/2 x 300 sq.mm. and 3-1/2 x 400 sq.mm. cable			
SD 215					
Supply and clarnping of 2 x 6 sq.mm. PVC LTUG armoured cable on post or on wall with MS clamps					
1	Metre	2 x 6 sq.mm. LTUG cable	90.70	Metre	90.70
1	Metre	MS clamp saddles	8.08	Metre	8.08
		Labour charges			146.40
		Total			245.18
		Rate per metre Rs.	245.18		
		Say Rs.	245.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 216					
Same as SD 209, except 2 x 10 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 215			245.00
		LESS			
1	Metre	2 x 6 sq.mm. LTUG cable	90.70	Metre	90.70
					154.30
		ADD			
1	Metre	2 x 10 sq.mm LTUG cable	110.40	Metre	110.40
		Total			264.70
		Rate per metre Rs.	264.70		
		Say Rs.	265.00		
SD 217					
Same as SD 209, except 2 x 16 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 216			265.00
		LESS			
1	Metre	2 x 10 sq.mm. LTUG cable	110.40	Metre	110.40
					154.60
		ADD			
1	Metre	2 x 16 sq.mm. LTUG cable	119.90	Metre	119.90
		Total			274.50
		Rate per metre Rs.	274.50		
		Say Rs.	275.00		
SD 218					
Same as SD 209, except 2 x 25 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 217			275.00
		LESS			
1	Metre	2 x 16 sq.mm. LTUG cable	119.90	Metre	119.90
					155.10
		ADD			
1	Metre	2 x 25 sq.mm. LTUG cable	136.10	Metre	136.10
		Total			291.20
		Rate per metre Rs.	291.20		
		Say Rs.	291.00		
SD 219					
Same as SD 209, except 4 x 6 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 218			291.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	2 x 25 sq.mm. LTUG cable	136.10	Metre	136.10
					154.90
		ADD			
1	Metre	4 x 6 sq.mm. LTUG cable	117.50	Metre	117.50
		Total			272.40
		Rate per metre Rs.	272.40		
		Say Rs.	272.00		
SD 220					
Same as SD 209, except 4 x 10 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 219			272.00
		LESS			
1	Metre	4 x 6 sq.mm. LTUG cable	117.50	Metre	117.50
					154.50
		ADD			
1	Metre	4 x 10 sq.mm. LTUG cable	128.80	Metre	128.80
		Total			283.30
		Rate per metre Rs.	283.30		
		Say Rs.	283.00		
SD 221					
Same as SD 209, except 4 x 16 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 220			283.00
		LESS			
1	Metre	4 x 10 sq.mm. LTUG cable	128.80	Metre	128.80
					154.20
		ADD			
1	Metre	4 x 16 sq.mm. LTUG cable	169.70	Metre	169.70
		Total			323.90
		Rate per metre Rs.	323.90		
		Say Rs.	324.00		
SD 222					
Same as SD 209, except 3-1/2 x 25 sq.mm. PVC LTUG aluminium armoured cable					
1	Metre	3-1/2 x 25 sq.mm. LTUG cable	205.20	Metre	205.20
1	Set	MS Clamps, saddles	8.66	Set	8.66
		Labour charges			183.00
		Total			396.86
		Rate per metre Rs.	396.86		
		Say Rs.	397.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 223					
Same as SD 209, except 3-1/2 x 35 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 222			397.00
		LESS			
1	Metre	3-1/2 x 25 sq.mm. LTUG cable	205.20	Metre	205.20
					191.80
		ADD			
1	Metre	3-1/2 x 35 sq.mm. LTUG cable	241.60	Metre	241.60
		Total			433.40
		Rate per metre Rs.	433.40		
		Say Rs.	433.00		
SD 224					
Same as SD 209, except 3-1/2 x 50 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 223			433.00
		LESS			
1	Metre	3-1/2 x 35 sq.mm. LTUG cable	241.60	Metre	241.60
					191.40
		ADD			
1	Metre	3-1/2 x 50 sq.mm. LTUG cable	314.70	Metre	314.70
		Total			506.10
		Rate per metre Rs.	506.10		
		Say Rs.	506.00		
SD 225					
Same as SD 209, except 3-1/2 x 70 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 224			506.00
		LESS			
1	Metre	3-1/2 x 50 sq.mm. LTUG cable	314.70	Metre	314.70
					191.30
		ADD			
1	Metre	3-1/2 x 70 sq.mm. LTUG cable	403.70	Metre	403.70
		Total			595.00
		Rate per metre Rs.	595.00		
		Say Rs.	595.00		
SD 226					
Same as SD 209, except 3-1/2 x 95 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 225			595.00
		LESS			
1	Metre	3-1/2 x 70 sq.mm. LTUG cable	403.70	Metre	403.70
					191.30


Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			
1	Metre	3-1/2 x 95 sq.mm. LTUG cable	522.50	Metre	522.50
		Total			713.80
		Rate per metre Rs.	713.80		
		Say Rs.	714.00		
SD 227					
Same as SD 209, except 3-1/2 x 120 sq.mm. PVC LTUG aluminium armoured cable					
1	Metre	3-1/2 x 120 sq.mm. LTUG cable	638.30	Metre	638.30
1	Set	MS clamps, saddles etc	9.96	Set	9.96
		Labour charges			219.60
		Total			867.86
		Rate per metre Rs.	867.86		
		Say Rs.	868.00		
SD 228					
Same as SD 209, except 3-1/2 x 150 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 227			868.00
		LESS			
1	Metre	3-1/2 x 120 sq.mm. LTUG cable	638.30	Metre	638.30
					229.70
		ADD			
1	Metre	3-1/2 x 150 sq.mm. LTUG cable	756.00	Metre	756.00
		Total			985.70
		Rate per metre Rs.	985.70		
		Say Rs.	986.00		
SD 229					
Same as SD 209, except 3-1/2 x 185 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 228			986.00
		LESS			
1	Metre	3-1/2 x 150 sq.mm. LTUG cable	756.00	Metre	756.00
					230.00
		ADD			
1	Metre	3-1/2 x 185 sq.mm. LTUG cable	922.90	Metre	922.90
		Total			1152.90
		Rate per metre Rs.	1152.90		
		Say Rs.	1153.00		
SD 230					
Same as SD 209, except 3-1/2 x 240 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 229			1153.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	3-1/2 x 185 sq.mm. LTUG cable	922.90	Metre	922.90
					230.10
		ADD			
1	Metre	3-1/2 x 240 sq.mm. LTUG cable	1170.00	Metre	1170.00
		Total			1400.10
		Rate per metre Rs.	1400.10		
		Say Rs.	1400.00		
SD 231					
Same as SD 209, except 3-1/2 x 300 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 230			1400.00
		LESS			
1	Metre	3-1/2 x 240 sq.mm. LTUG cable	1170.00	Metre	1170.00
					230.00
		ADD			
1	Metre	3-1/2 x 300 sq.mm. LTUG cable	1436.00	Metre	1436.00
		Total			1666.00
		Rate per metre Rs.	1666.00		
		Say Rs.	1666.00		
SD 232					
Same as SD 209, except 3-1/2 x 400 sq.mm. PVC LTUG aluminium armoured cable					
		From SD 231			1666.00
		LESS			
1	Metre	3-1/2 x 300 sq.mm. LTUG cable	1436.00	Metre	1436.00
					230.00
		ADD			
1	Metre	3-1/2 x 400 sq.mm. LTUG cable	1831.00	Metre	1831.00
		Total			2061.00
		Rate per metre Rs.	2061.00		
		Say Rs.	2061.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 233					
Earthing as per the ISI specification with an earth electrode of 2.10 metre Class 'B' GI pipe of dia not less than 40mm with copper earth plate of size 125mm x 50mm x 6mm with necessary funneling arrangements with necessary masonry work and with 38mm RCC cover slab for the brick masonry					
2.1	Metre	Class 'B' GI pipe 40mm	163.00	Metre	342.30
0.15	Metre	Class 'B' GI pipe 19mm	98.60	Metre	14.79
1	No.	Funnel with wire mesh of 12.50cm dia (MR)	23.90	Each	23.90
1	No.	Copper plate 125mm x 50mm x 6 mm (0.36 Kg.)	526.00	Kg.	189.36
1	No.	Reducer 40 x 20mm(MR)	51.00	Each	51.00
3	No.	19mm GI check nuts(MR)	3.80	Each	11.40
1	Bag	Charcoal(MR)	100.70	Bag	100.70
10	Kg.	Common salt(MR)	3.70	Kg.	37.00
LS		Brick masonry(MR)	329.60	LS	329.60
1	No.	38mm thick RCC cover for the brick masonry(MR)	135.10	Each	135.10
					1235.15
		Add 1% sundries, etc.			12.35
		Labour charges			1268.00
		Total			2515.50
LABOUR DETAILS					
1	No.	Wireman Grade-I	712.00	Each	712.00
1	No.	Electrical Helper	556.00	Each	556.00
					1268.00
		Rate per each Rs.	2515.50		
		Say Rs.	2516.00		
SD 234					
Earthing as per PWD standard with an earth electrode of 2 metre Class 'B' GI pipe of dia not less than 32mm complete with necessary masonry work					
2	Metre	Class 'B' GI pipe 32mm (1-1/4")	151.40	Metre	302.80
1	Bag	Charcoal(MR)	100.70	Bag	100.70
9	Kg.	Common salt(MR)	3.70	Kg.	33.30
0.5	Kg.	GI wire No. 8 or No.6 SWG	94.90	Kg.	47.45
LS		Masonry works(MR)	405.95	LS	405.95
					890.20
		Add 1% sundries, etc.			8.90
		Labour charges			1268.00
		Total			2167.10
LABOUR DETAILS					
1	No.	Wireman Grade-I	712.00	Each	712.00
1	No.	Electrical Helper	556.00	Each	556.00
					1268.00
		Rate per point Rs.	2167.10		
		Say Rs.	2167.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 235					
Supply and providing cable end termination of 3-1/2 x 25 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 25 sq.mm. cable	2.94	Each	8.82
1	No.	Aluminium socket for 3-1/2 x 16 sq.mm. cable	1.93	Each	1.93
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	277.40	LS	277.40
LS		Add 1% sundries such as insulation tape etc		LS	2.88
		Total			291.03
		Rate per each Rs.	291.03		
		Say Rs.	291.00		
SD 236					
Supply and providing cable end termination of 3-1/2 x 35 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 35 sq.mm. cable	3.89	Each	11.67
1	No.	Aluminium socket for 3-1/2 x 25 sq.mm cable	2.94	Each	2.94
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	277.40	LS	277.40
LS		Add 1% sundries such as insulation tape etc		LS	2.92
		Total			294.93
		Rate per each Rs.	294.93		
		Say Rs.	295.00		
SD 237					
Supply and providing cable end termination of 3-1/2 x 50 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 50 sq.mm. cable	5.80	Each	17.40
1	No.	Aluminium socket for 3-1/2 x 25 sq.mm. cable	2.94	Each	2.94
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection(MR)	277.40	LS	277.40
LS		Add 1% sundries such as insulation tape etc		LS	2.98
		Total			300.72
		Rate per each Rs.	300.72		
		Say Rs.	301.00		
SD 238					
Supply and providing cable end termination of 3-1/2 x 70 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 70 sq.mm. cable	7.70	Each	23.10
1	No.	Aluminium socket for 3-1/2 x 35 sq.mm. cable	3.89	Each	3.89

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	277.40	LS	277.40
LS		Add 1% sundries such as insulation tape etc		LS	3.04
		Total			307.43
		Rate for Each	307.43		
		Say Rs.	307.00		
SD 239					
Supply and providing cable end termination of 3-1/2 x 95 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 95 sqmm cable	8.80	Each	26.40
1	No.	Aluminium socket for 3-1/2 x 50 sqmm cable	5.80	Each	5.80
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	416.10	LS	416.10
LS		Add 1% sundries such as insulation tape etc		LS	4.48
		Total			452.78
		Rate per each Rs.	452.78		
		Say Rs.	453.00		
SD 240					
Supply and providing cable end termination of 3-1/2 x 120 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 120 sq.mm. cable	11.80	Each	35.40
1	No.	Aluminium socket for 3-1/2 x 70 sq.mm. cable	7.70	Each	7.70
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	416.10	LS	416.10
LS		Add 1% sundries such as insulation tape etc		LS	4.59
		Total			463.79
		Rate per each Rs.	463.79		
		Say Rs.	464.00		
SD 241					
Supply and providing cable end termination of 3-1/2 x 150 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc., with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 150 sq.mm. cable	15.70	Each	47.10
1	No.	Aluminium socket for 3-1/2 x 95 sq.mm. cable	8.80	Each	8.80
LS		Labour charges for crimping and making and termination, etc., including hire charges for crimping tools and electrical connection (MR)	416.10	LS	416.10
LS		Add 1% sundries such as insulation tape etc		LS	4.72
		Total			476.72
		Rate per each Rs.	476.72		
		Say Rs.	477.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 242					
Supply and providing cable end termination of 3-1/2 x 185 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 185 sq.mm. cable	20.50	Each	61.50
1	No.	Aluminium socket for 3-1/2 x 95 sq.mm. cable	8.80	Each	8.80
LS		Labour charges for crimping and making and termination, etc., including hire charges for crimping tools and electrical connection(MR)	416.10	LS	416.10
LS		Add 1% sundries such as insulation tape etc		LS	4.86
		Total			491.26
		Rate per each Rs.	491.26		
		Say Rs.	491.00		
NOTE					
THE STANDARD DATA BOOK ELECTRICAL FOR THE YEAR, 2021-2022 IS BASED ON THE STANDARD SCHEDULE OF RATES WITH BASIC RATES (EXCULDINGS GST & OTHER TAXES) (FOR BASIC ITEMS ONLY) APPROVED BY THE ENGINEER-IN-CHIEF (BUILDINGS) & CHIEF ENGINEER (BUILDINGS), CHENNAI REGION, PWD, CHEPAUK, CHENNAI-5 VIDE PROCEEDINGS No.HDO (A) / 00926 / 2021-1, DATED 13.09.2021.					
		 <p>ENGINEER-IN-CHIEF(BUILDINGS)& CHIEF ENGINEER(BUILDINGS), CHENNAI REGION, PWD, CHEPAUK, CHENNAI-5.</p>			

FOR DEPARTMENTAL USE ONLY



**PUBLIC WORKS DEPARTMENT
BUILDING ORGANISATION**

**OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) &
CHIEF ENGINEER (BUILDINGS), PWD, CHENNAI REGION, CHEPAUK, CHENNAI-5**

CIRCULAR MEMORANDUM NO. HDO (A) / 48518 / 2003, dated 15.09.2021

Sub: Buildings – Plinth Area Rates for the preparation of Rough Cost Estimates for building schemes during the year **2021-2022** – Approved – Communication of – Regarding.



The Plinth Area Rates for the purpose of preparation of Rough Cost Estimates for Building Schemes during the year **2021-2022**, worked out in line with the impact of adoption of Standard Schedule of Rates for the year 2021-2022 are approved and furnished in Annexure I, II, III, IV & V. The Chief Engineers, the Superintending Engineers and the Executive Engineers of Building Organisation are requested to adopt the above rates in the preparation of the rough cost estimates for building schemes with effect from **16.09.2021**, until further orders from this office.

The receipt of this circular memo along with its enclosures may be acknowledged.

Encl.: Annexures-I, II, III, IV & V.

Angelika
15/9/2021

for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), PWD,
Chennai Region, Chennai-5

To

**The Chief Engineer (Buildings), PWD, Trichy Region, Trichy.
The Chief Engineer (Buildings), PWD, Madurai Region, Madurai.**

- Copy to the Engineer-in-Chief, WRD & Chief Engineer (General), PWD, Chennai-5.
Copy to the All Chief Engineers, Public Works Department and Water Resources Department.
Copy to the Superintending Engineers of Public Works Department.
Copy to the Executive Engineers of Public Works Department.
Copy to the EIC (B) & CE (B), CR's Table.
Copy to the Joint Chief Engineer (Buildings), PWD, Chennai-5.
Copy to the Joint Chief Engineer (Electrical), PWD, Chennai-5.
Copy to the Deputy Chief Engineer (Buildings), PWD, Chennai-5.
Copy to HDO & Assistant Executive Engineers of all Technical Sections in O/o the Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), PWD, Chennai Region, Chennai-5.
Copy to File / Spare copy.

ANNEXURE-I

**PLINTH AREA RATES FOR THE YEAR 2021-2022
FOR THE PREPARATION OF ROUGH COST ESTIMATE**

Sl. No.	Type of Building	For works in Moffusil (other than Corporation Limits)			For works in Corporation Limits					
		Foundation	Super Structure	Roof Finishing	In Trichy, Salem, Tirunelveli, Thoothukudi, Vellore, Tiruppur, Erode, Thanjavur, Dindigul, Nagercoil, Hosur and Avadi			In Chennai, Coimbatore and Madurai		
					Foundation	Super Structure	Roof Finishing	Foundation	Super Structure	Roof Finishing
(Rate in Rupees per 1 sqm.)										
1.	Residential Load Bearing	4140	9485	1605	4350	9970	1690	4460	10185	1735
	Framed	4910	13225	1645	5155	13885	1735	5295	14195	1765
2.	Non-Residential Load Bearing	3185	8040	1605	3345	8435	1690	3435	8645	1735
	Framed	4910	9935	1645	5155	10430	1735	5295	10655	1765
3.	Hospital Load Bearing	3185	9005	1605	3345	10045	1690	3435	9685	1735
	Framed	4910	13855	1645	5155	14560	1735	5295	14915	1765

Note:-

- (1) For the calculation of Foundation Cost, Plinth area at Ground level of the building is to be taken.
- (2) For the calculation of Super Structure cost, plinth area of respective floor of the building is to be taken.
- (3) For the calculation of Roof finishing cost, Plinth area at Ground level of the building is to be taken.
- (4) For School Buildings – the Super Structure cost will be 80% of Super Structure cost of Non-Residential Buildings.
- (5) For stilt floor towards Car parking, Garages, Cycle Shed, Staircase Head Rooms etc., - the plinth area rate will be 65% of Super Structure cost of Non-residential building.
- (6) For basement floor, an extra 25% over the super structure cost of respective type of building is to be added.
- (7) In framed structure, where dummy columns are to be provided, a rate of Rs.500/m² of plinth area for Residential Building and a rate of Rs.394/m² for Hospital Buildings and Non-residential Buildings is to be allowed.

- (8) For upper floors, an extra @ Rs.37/m² may be added towards lift charges for each floor.
- (9) The additional rates allowed in the schedule of rates for works in Jails, Reserve forests, Hills and other Special tracts etc., shall be added to the above plinth area rates for works in respective areas.
- (10) For works in the belt area of Chennai City, the plinth area rate applicable for Chennai City shall be adopted.
- (11) For super structure in Earthquake prone areas, the rates in Annexure-V shall be adopted.
- (12) All the above provisions shall be added only on the basic rates as approved in the table above.
- (13) For works in coastal area, the following rates over the basic rate as approved in the table above, (for the total plinth area) shall be added for providing concrete of higher grade
 - a. Upto 10 km distance from Sea Water Front – Rs.267/m²
 - b. Beyond 10 km and upto 24 km distance from Sea Water Front – Rs.134/m²

(14) PROVISIONS INCLUDED IN FOUNDATION RATE:

- (a) The rate given for foundation is applicable for Ground Floor + 2 Floors in the case of Load bearing structure.
- (b) The rate given for foundation is applicable for Ground Floor + 3 Floors in the case of Framed structure.
- (c) The rate given for foundation is to be calculated based on plinth area at Ground Floor of the building only.
- (d) The depth of foundation assumed is 1.8m below GL with conventional stepped footing in the case of Load bearing structure.
- (e) The depth of foundation assumed is 2.0m below GL with isolated footing in the case of Framed Structure.
- (f) The foundation rate is inclusive of Earth Work, Sand filling, PCC 1:5:10 for Mat Concrete, Brick Work / Random Rubble Masonry in Cement Mortar, Re-filling the sides of foundation, Plinth beam including cost of centering, Cement Concrete, Steel, Damp Proof Course, Sand filling in basement and flooring concrete in Ground Floor in the case of Load bearing structure.
- (g) The foundation rate is inclusive of Earth Work, Sand filling, PCC 1:5:10 for Mat Concrete, Cement Concrete, Centering, Steel for column footing, Pedestal, Column, Re-filling the sides of

foundation, Plinth beam, Brick work in Cement Mortar upto basement level, Damp Proof Course, Sand filling in basement and flooring concrete in Ground Floor in the case of framed structure.

- (h) The foundation rates are applicable for building with basement at 0.9m height from ground level.

(15) PROVISIONS INCLUDED IN SUPER STRUCTURE RATE:

- (a) This rate is inclusive of Brick work, RCC, Steel, Centering, Plastering, joinery items with steel frames and M.D.F. shutter for doors, steel glazed windows and steel glazed ventilators, Grano flooring 25mm thick in the case of residential & non residential buildings, mosaic tile flooring in the case of Hospital building and Rain water down fall pipe of adequate dia.
- (b) The height of each floor has been taken as 3.30m average.
- (c) This rate is inclusive of provision for Anti-skid ceramic tile flooring and glazed tile dadoing in Toilets.
- (d) This rate is inclusive of plastering with Cement Mortar 1:5, 12mm thick, white washing two coats over one coat of white washing for interior walls and colour washing two coats over one coat of white washing for exterior faces.

(16) PROVISIONS INCLUDED IN ROOF FINISHING RATE:

- (a) This rate is inclusive of weathering course, finishing with pressed tiles, providing parapet wall with Brick work in Cement Mortar, plastering, white washing for interior faces and colour washing for exterior walls.

(17) EXTRA PROVISIONS TO BE ALLOWED OVER THE ABOVE RATE:

(a) IN FOUNDATION:-


Sl. No.	Type of foundation	Rate in Rupees per one sqm.	Area to which applicable
(i)	For stub column arrangements for Load bearing structure	1250	Plinth area at ground level
(ii)	For combined footing	810	Plinth area at ground level
(iii)	For strip raft	3265	Plinth area at ground level
(iv)	For raft (Floating Raft)	4910	Plinth area at ground level
(v)	For every additional 0.3m basement height	480	Plinth area at ground level
(vi)	For every additional 0.3m depth in foundation	300	Plinth area at ground level

Sl. No.	Type of foundation	Rate in Rupees per one sqm.	Area to which applicable
(vii)	For every additional floor over initial Ground + 3 Floors in case of Framed Structure	665	Respective floor area
(viii)	For Anti-Termite Treatment	120	Plinth area at ground level
(ix)	Pile Foundation		
(a)	Upto 4 storeys for a depth of 15m	9545	Plinth area at ground level
(b)	More than 4 storeys but less than 8 floors	12265	Plinth area at ground level
(c)	More than 8 Floors	16705	Plinth area at ground level
(d)	Add extra for every one metre depth, if the depth of pile exceeds 15m	535	Plinth area at ground level
(e)	Deduct extra for every one metre depth, if the depth of pile is less than 15m	255	Plinth area at ground level

(b) IN SUPER STRUCTURE:-

Sl. No.	Description of work	Rate	
(i)	For every additional 1m height over the initial height of 3.30 m	Rs.615/m ²	
(ii)	Flooring:- (Actual area of flooring has to be considered)	In Residential & Non-Residential Buildings	In Hospital Buildings
(a)	Grey Colour Mosaic Tiles	Rs.740/m ²	NIL
(b)	Other Colour Mosaic Tiles	Rs.1000/m ²	Rs.255/m ²
(c)	Ceramic Tiles (not less than 305 x 305 x 6 mm size)	Rs.1070/m ²	Rs.335/m ²
(d)	Marble (Macrona) (not less than 600 x 600 x 18mm size)	Rs.2095/m ²	Rs.1355/m ²
(e)	Marble (White) (not less than 600 x 600 x 18mm size)	Rs.2335/m ²	Rs.1600/m ²

(f)	Marble (Adanga) (not less than 600 x 600 x 18mm size)	Rs.1745/m ²	Rs.1010/m ²
(g)	Rajasthan Kota Stone (Plain)	Rs.1245/m ²	Rs.510/m ²
(h)	Rajasthan Kota stone (Laid in combination with marble strips)	Rs.1420/m ²	Rs.635/m ²
(i)	Cuddapah Slab	Rs.930/m ²	Not recommended
(j)	Stain Free Nano Polish Vitrified Tiles 600 x 600 x 8mm	Rs.1315/m ²	Rs.565/m ²
(k)	Double Charged Vitrified Tiles 600 x 600 x 8mm	Rs.1660/m ²	Rs.910/m ²
(l)	Double Charged Vitrified Tiles 800 x 800 x 10mm	Rs.1915/m ²	Rs.1170/m ²
(m)	Joint Free Rectified Glazed Ceramic Tiles 305 x 305 x 8mm	Rs.1270/m ²	Rs.520/m ²
(iii)	Joinery: (for any joinery like Aluminium (or) any other equivalent types of joineries if proposed) – Add extra	Rs.575/m ² of carpet area	
(iv)	Cement Painting if proposed:-		
(a)	For internal faces and external faces	Rs.555/m ² based on plinth area	
(b)	For external faces only	Rs.265/m ² based on plinth area	


 15/9/2021
 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), PWD,
 Chennai Region, Chennai-5


 15/9/2021

ANNEXURE-II

OPTIONAL ITEMS

Sl. No.	Description of work	Rate in Rupees per one sqm.	Area to which applicable
1	False Ceiling using GI Channel Sections etc., (if proposed):-		
(a)	False Ceiling with Plain Gypsum Board	1275	Ceiling area proposed
(b)	False Ceiling with Perforated Gypsum Board using GI Channel Sections etc.,		
(i)	Without Glass Wool	1465	Ceiling area proposed
(ii)	With Glass Wool 50mm thick below AC sheet roofing	1765	Ceiling area proposed
(iii)	With Glass Wool 25mm thick below RCC roofing	1620	Ceiling area proposed
2	Wall Panelling using GI Channel Sections etc., (with Gypsum Board) if proposed:-		
(a)	Wall Panelling with Perforated Gypsum Board with Glass Wool of 25mm thick	1465	Wall Panelling area proposed
(b)	Wall Panelling with Plain Gypsum Board without Glass Wool	1175	Wall Panelling area proposed

[Signature]
for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), PWD,
Chennai Region, Chennai-5

[Signature]
15/9/2021

ANNEXURE-III

ELECTRICAL, WATER SUPPLY AND SANITARY ITEMS OF WORKS

Sl. No.	Description of work	Rate in Rupees per one sqm.	Area to which applicable
1	AC Provision for Office Buildings and in Hospitals (if proposed):-		
(a)	For non-ductable AC Units	5470	Floor area proposed
(b)	For ductable type AC Plants	7290	Floor area proposed
Note: 1. The above rates are not inclusive of civil works such as construction of plant room, false ceiling, etc. 2. The above AC rates are inclusive of Supply, Installation, Testing, Commissioning and handing over of Air-Cooled Self Contained Ductable AC Units.			
2	Lift (if proposed):-		
(a)	Passenger Lift SS Body-304 Grade - Gearless) having speed 1m / second including power mains	With Machine Room (G+3)	Without Machine Room (G+3)
(i)	8 Persons capacity (upto Ground + Three Floors)	Rs.21.97 lakhs	Rs.23.05 lakhs
(ii)	10 Persons capacity (upto Ground + Three Floors)	Rs.22.99 lakhs	Rs.24.10 lakhs
(iii)	13 Persons capacity (upto Ground + Three Floors)	Rs.25.58 lakhs	Rs.26.77 lakhs
(iv)	20 Persons capacity (upto Ground + Three Floors)	Rs.31.81 lakhs	Rs.33.79 lakhs
(b)	Bed-cum-Passenger Lift (SS Body-304 Grade - Gearless) having speed 1m / second including power mains	With Machine Room (G+3)	Without Machine Room (G+3)
(i)	15 Persons capacity (upto Ground + Three Floors)	Rs.26.90 lakhs	Rs.28.59 lakhs
(ii)	20 Persons capacity (upto Ground + Three Floors)	Rs.32.14 lakhs	Rs.33.45 lakhs
(iii)	26 Persons capacity (upto Ground + Three Floors)	Rs.33.45 lakhs	Rs.36.09 lakhs
(c)	Dump Lift (upto Ground + Three Floors)	Rs.8.94 lakhs	

Note:

1. Provision for civil works such as construction of Lift Pit, Shaft, Machine Room, etc., are not included in the above rates.
2. **For Passenger Lift and Bed-cum-Passenger Lift** – For every additional floor over the Ground + Three Floors an extra at Rs.1,32,200/- shall be allowed for each floor.
3. **For Dump Lift** – For every additional floor over the Ground + Three Floors an extra at Rs.59,500/- shall be allowed for each floor.
4. **For Lift Pit** an extra at Rs.16,950/- per sq.m. of lift well sectional area shall be allowed.
5. **For Passenger Lift and Bed-cum-Passenger Lift** – Add extra Rs.66,130/- per Lift for Earthing, Shaft, Machine Power Mains as per CEIG Norms shall be allowed.
6. **Safety Certificate for Lift** has to be obtained by Supplier from CEIG.

Sl. No.	Description of work	Rate	Allied works		Total
(3)	High Tension Supply for 11 KVA Source of Supply (including Erection, Testing, Commissioning and Allied Works)				
(i)	With Transformer upto 250 KVA (Level-2)	Rs.10.44 lakhs (Level-2)	HT/LT Cable	Rs.3.03 lakhs	Rs.19.42 lakhs
			MV Panel	Rs.2.64 lakhs	
			Safety Accessories	Rs.0.39 lakhs	
			APFC Panel	Rs.2.64 lakhs	
			Sub-Total	Rs.8.98 lakhs	
(ii)	With Transformer upto 500 KVA (Level-2)	Rs.14.35 lakhs (Level-2)	HT/LT Cable	Rs.3.64 lakhs	Rs.26.31 lakhs
			MV Panel	Rs.5.29 lakhs	
			Safety Accessories	Rs.0.39 lakhs	
			APFC Panel	Rs.2.64 lakhs	
			Sub-Total	Rs.11.96 lakhs	

Sl. No.	Description of work	Rate	Allied works		Total
(3)	High Tension Supply for 11 KVA Source of Supply (including Erection, Testing, Commissioning and Allied Works)				
(iii)	With Transformer upto 1000 KVA (Level-2)	Rs.23.44 lakhs (Level-2)	HT/LT Cable	Rs.3.97 lakhs	Rs.37.05 lakhs
			MV Panel	Rs.6.61 lakhs	
			Safety Accessories	Rs.0.39 lakhs	
			APFC Panel	Rs.2.64 lakhs	
			Sub-Total	Rs.13.61 lakhs	

Note:

- Provision for civil works such as, construction of Transformer Room, MV Panel Room, etc., are not included in the above rates.
- Add extra for Service Connection Charges & Development Charges payable to TNEB and Approval Charges payable to CEIG.
- If necessary, as per the approved design based on the site condition and CEIG Norms, add extra for the provision of Vacuum Circuit Breaker Panel and Ring Main Gear adopting Schedule of Rates, 2021-2022 shall be allowed.
- Add extra of Rs.1,29,900/- shall be allowed for **22 KVA Source of Supply for Transformers**

4	Generator Set with AMF Panel:	
(i)	100 KVA capacity	Rs.11.06 lakhs
(ii)	125 KVA capacity	Rs.12.32 lakhs
(iii)	160 KVA capacity	Rs.16.57 lakhs
(iv)	250 KVA capacity	Rs.22.78 lakhs
5	Generator Set with Standard Panel:	
(i)	100 KVA capacity	Rs.8.46 lakhs
(ii)	125 KVA capacity	Rs.9.72 lakhs
(iii)	160 KVA capacity	Rs.13.22 lakhs
(iv)	250 KVA capacity	Rs.18.19 lakhs

Note:

- Cost of construction of Generator Room not included in the above rates
- Add extra of Rs.2,11,400/- for Erection, Testing, Commissioning, Power Mains and Charges for CEIG approval shall be allowed.

6	Cold Storage facilities for Mortuary:				
(i)	9 Bodies Capacity	Rs.17.03 lakhs			
(ii)	12 Bodies Capacity	Rs.21.28 lakhs			
Note:					
1. Cost of Mortuary Building not included in the above rates.					
7	Public Address System: For Mini Conference Hall / Meeting Hall			Rs.3.44 lakhs	
8	Intercom with EPABX arrangements upto 300 lines			Rs.20.67 lakhs	
9	Lightning Arrester (For more than 5 storeys)				
	Description	Rate	Allied Works		Total
(i)	Lightning Arrester (Large)	Rs.1,16,900	Mounting Structure	Rs.31,100	
			Down Conductor (50 metres)	Rs.9,000	
			Test Link	Rs.7,600	
			Earth Electrode	Rs.14,100	
			Surge Protection	Rs.29,700	
			Sub-Total	Rs.91,500	
(ii)	Lightning Arrester (Small)	Rs.1,03,900	Mounting Structure	Rs.31,100	
			Down Conductor (50 metres)	Rs.9,000	
			Test Link	Rs.7,600	
			Earth Electrode	Rs.14,100	
			Surge Protection	Rs.29,700	
			Sub-Total	Rs.91,500	
	Note: Add extra for additional down conductor at Rs.181/- per RM for the more than 5 storeyed buildings.				
10	Civil Aviation Lights for buildings more than 8 storeys			Rs.1.72 lakhs	

11 Internal Water Supply, Sanitary Arrangements & Electrical Arrangements				
Sl. No.	Type of Buildings	Water Supply Arrangements	Sanitary Arrangements	Electrical Arrangements
		Rate in rupees per one sqm.		
(1)	Residential	660	515	1055
(2)	Non-Residential	515	395	920
(3)	Hospital	660	515	1080

Note:

1. Add extra for provision of LED Lightings for Rs.153/- per sqm. of plinth area shall be allowed.
2. Add extra for provision of Computer Plugs for Rs.18.50 per sqm. of plinth area shall be allowed.
3. Add extra for provision of Power Plugs for Rs.25/- per sqm. of plinth area shall be allowed.

12 External Water Supply, Sanitary Arrangements & Electrical Arrangements							
Sl. No.	Type of Building	Water Supply Arrangements		Sanitary Arrangements		Electrical Arrangements	
		Within existing well developed campus	New campus	Within existing well developed campus	New campus	Within existing well developed campus	New campus
		Rate in rupees per one sqm.					
(1)	Residential	400	795	150	245	340	705
(2)	Non-Residential	400	795	150	245	340	705
(3)	Hospital	400	795	150	245	340	705

Note:

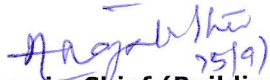
1. The above rate is applicable only for ground and first floors on plinth area basis.
2. For every upper floor over the basic ground and first floor, 50% of respective floor area alone shall be taken into account for making provision towards external water supply and sanitary arrangements.
3. For every upper floor over the basic ground and first floor, 20% of respective floor area alone shall be taken into account, for making provision towards external electrification arrangements.


 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), PWD,
 Chennai Region, Chennai-5

ANNEXURE – IV
OTHER PROVISIONS

Sl. No.	Description of work	Rate
1	Construction of compound wall to a normal height of 1.50m from ground level with required number of gates, grills, etc.,	
(a)	With stub column, plinth beam, etc.,	Rs.2360/RM
(b)	With load bearing foundation with brick work in cement mortar 1:5	Rs.3445/RM
2	Approach Road	
(a)	Forming approach road in layers of 450mm thick sand gravel mix of ratio 1:1 as base layer, WBM Laid in two layers of 75 mm thick each (total 150 mm thick) including cost of small culverts come across, forming berms, etc.,	Rs.604/sqm.
(b)	Black topping over WBM including tack coat and seal coat	Rs.175/sqm.
3	Pavement all-round the building	
(a)	For a width of 1.2m	Rs.1120/RM
(b)	For a width of 2.0m	Rs.1815/RM
Note:		
1. Pavement all-round the building is to be done for a width of 1.20m if the sub soil is of ordinary nature; and it is to be done for a width of 2.0m, if the sub soil is of expansive soil. 2. The above rates include provision for earth work excavation to a depth of 450mm, PCC 1:5:10, sand filling, kerb wall with Brick work in cement mortar at external face of pavement, one impervious layer, cost of precast pavement slab of specified shape with pointing etc.,		
4	Finishing the Elevation	
(a)	For all buildings	Not exceeding 1% of total value of Building
(b)	For Prestigious / Heritage Buildings	Not exceeding 2½% of total value of building
5	Soil Investigation (minimum)	Rs.35,790/-
Note:		
1. If the area is more, higher provision towards soil investigation may be allowed.		

6	Advertisement Charges	Provision is to be made depending on the norms prescribed by Government time to time for publication in Newspapers.
7	Provision for foundation stone laying and inaugural function	To be made only for works costing over Rs.10.00 lakhs at Rs.13,000/- (Rs.3,000/- + Rs.10,000/-)
8	Rain Water Harvesting	Rs.15,200/- per pit
9	Provision for Lawn (Optional)	
(a)	Residential	@ 1.5% of building cost
(b)	Hospital & Non- Residential	@ 3.0% of building cost
10	Labour Welfare Fund	@ 1.0% of building cost
11	Unforeseen Items, Petty Supervision Charges and Contingencies	@ 2.5% of building cost
12	Provision can be included for Price Adjustment Clause for works costing Rs.100.00 lakhs and above	@ 5.0% of building cost for every one year of period of completion


 25/9/2021
 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), PWD,
 Chennai Region, Chennai-5


 15/9/2021

ANNEXURE-V
PLINTH AREA RATE FOR SUPER STRUCTURE
OF EARTH QUAKE RESISTANT STRUCTURES

Sl. No.	Type of building	MOFFUSIL	TRICHY, SALEM, ERODE, MADURAI, TIRUNELVELI & THOOTHUKUDI DISTRICTS	CHENNAI, VELLORE, COIMBATORE & TIRUPPUR DISTRICTS
		RATE IN RUPEES PER 1 SQM. FOR EVERY FLOOR		
1	RESIDENTIAL			
(a)	Load bearing (upto G + 2)	10160	10700	11230
(b)	Framed Structure			
(i)	Upto Two Floors	13220	13870	14530
(ii)	3 & 4 th Floors	13220	13870	14530
(iii)	5 & 6 th Floors	14540	15255	15970
(iv)	7 & 8 th Floors	14540	15255	15970
(v)	Above 8 th Floor	14540	15255	15970
(vi)	Stilt Floor	9225	9315	10140
2	NON RESIDENTIAL			
(a)	Load bearing (upto G + 2)	8635	9075	9490
(b)	Framed Structure			
(i)	Upto Two Floors	9920	10415	10900
(ii)	3 & 4 th Floors	9920	10415	10900
(iii)	5 & 6 th Floors	10890	11425	12000
(iv)	7 & 8 th Floors	10890	11425	12000
(v)	Above 8 th Floor	11385	11955	12525
(vi)	Stilt Floor	6840	7260	7590
3	HOSPITAL			
(a)	Load bearing (upto G + 2)	9655	10150	10630
(b)	Framed Structure			
(i)	Upto Two Floors	13705	13870	15255
(ii)	3 & 4 th Floors	15265	16025	16795
(iii)	5 & 6 th Floors	15265	16025	16795
(iv)	7 & 8 th Floors	16665	17475	18300
(v)	Above 8 th Floor	16665	17475	18300
(vi)	Stilt Floor	9665	10160	10680
NOTE:				
1. For calculating the rates, the respective floor area has to be considered.				
2. For works in special tracts like Jails, Reserve Forest, Hill Areas etc., the respective extra percentage over the Moffusil rate is to be given.				

Foot Note

1. All the rates shown in the Plinth Area Rates, as taken as Basic Rate and the rates are exclusive of all taxes and GST.
2. **12% of GST on Works Contracts may be included** for the taxable components alone.

[Signature]
15/9/2021
for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), PWD,
Chennai Region, Chennai-5

[Signature]
15/9/2021